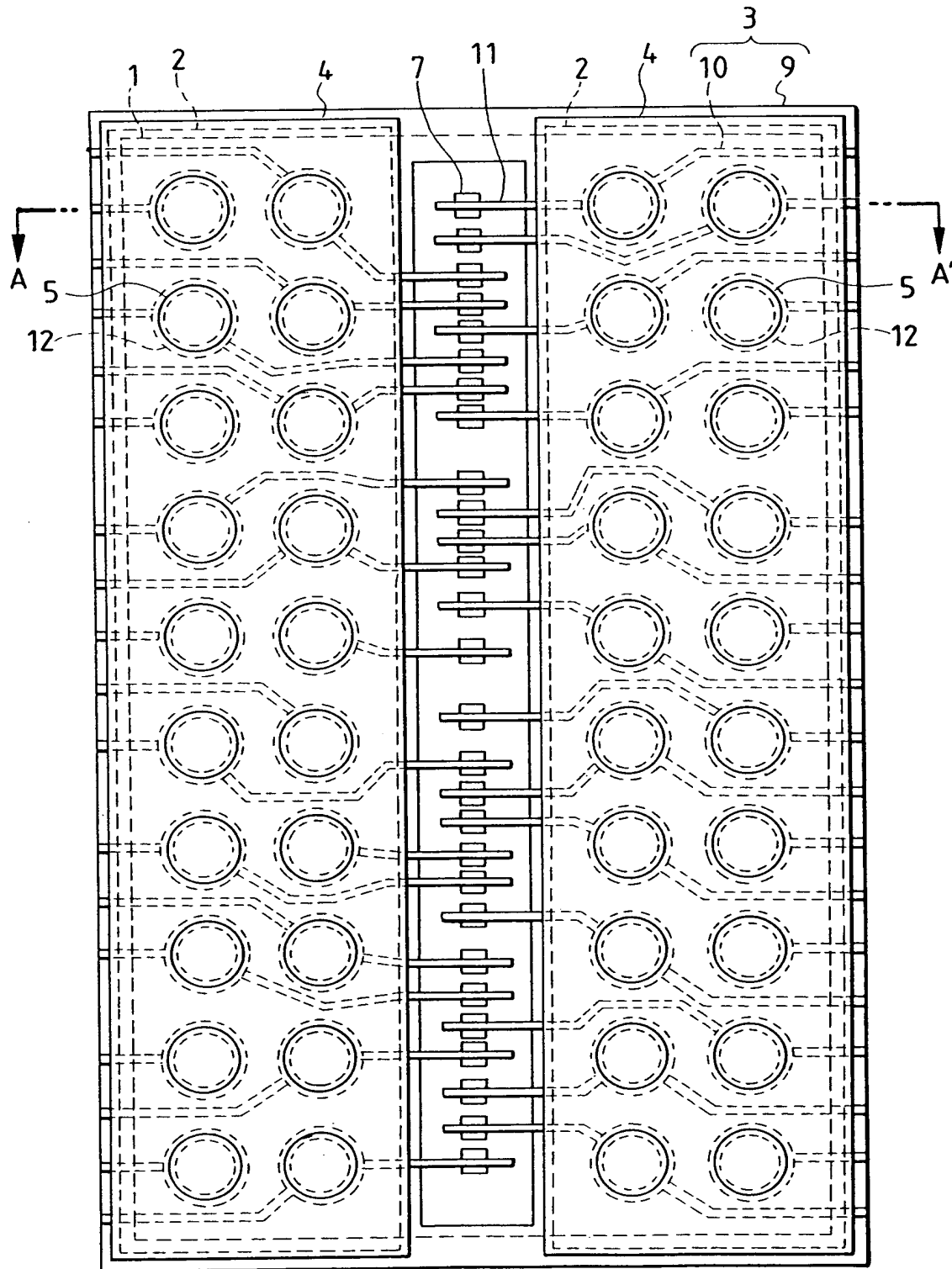


FIG. 1



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FIG. 2

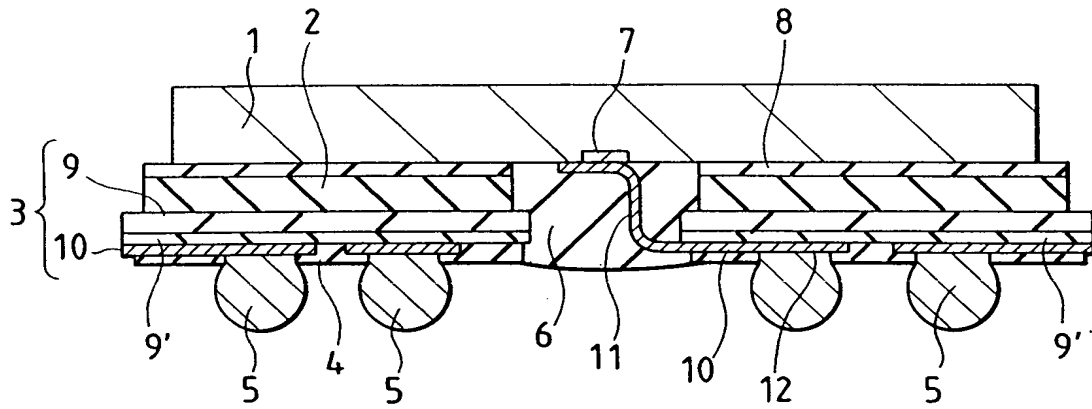


FIG. 3

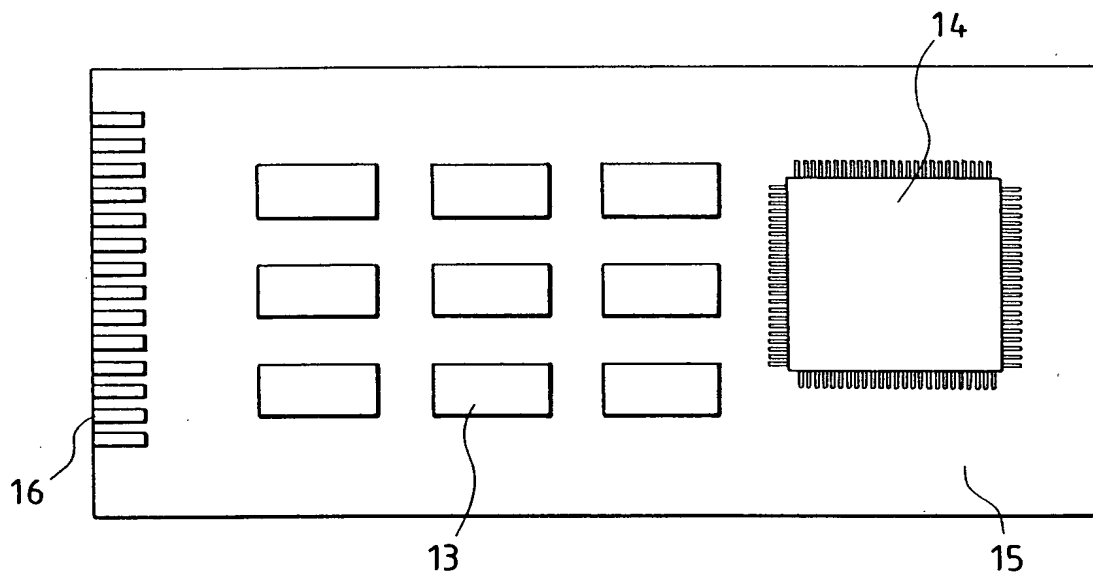


FIG. 4

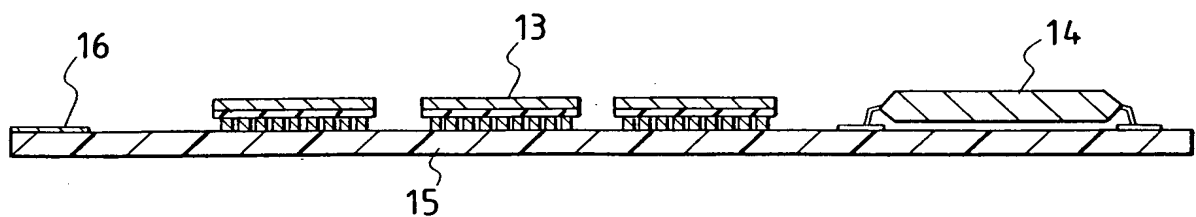
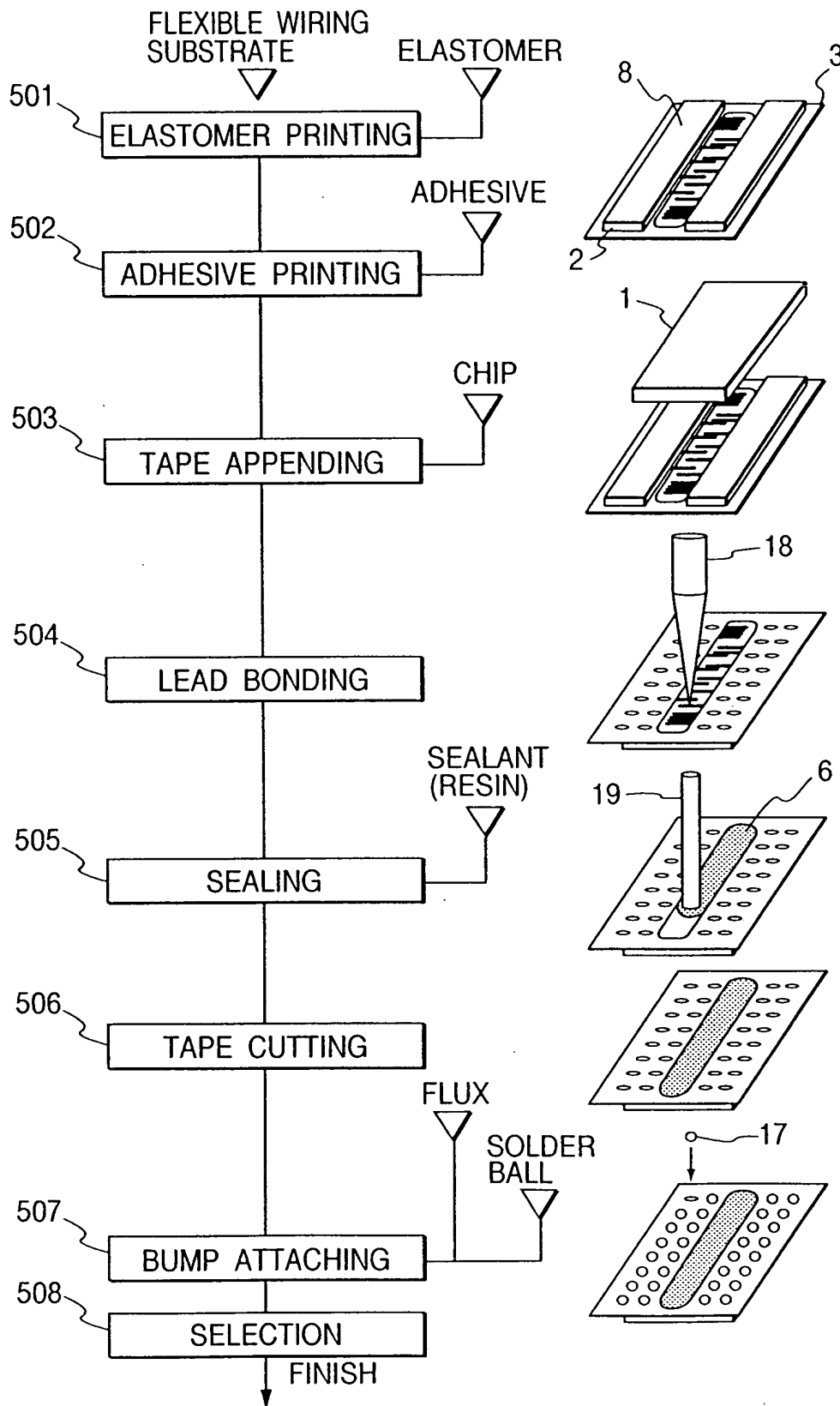


FIG. 5



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FIG. 6

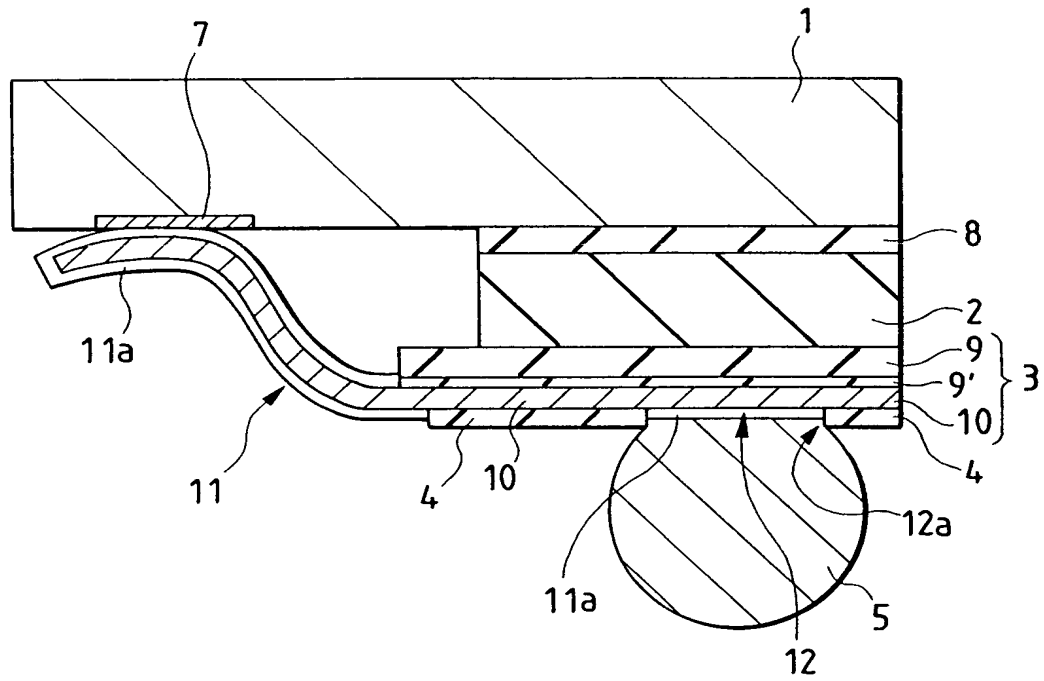


FIG. 7

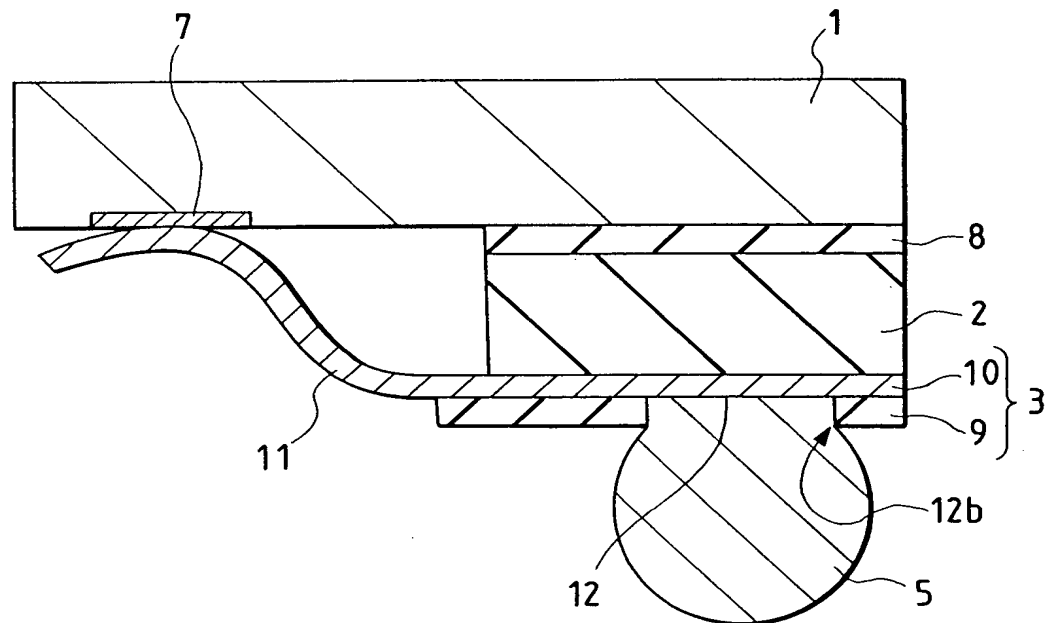


FIG. 8

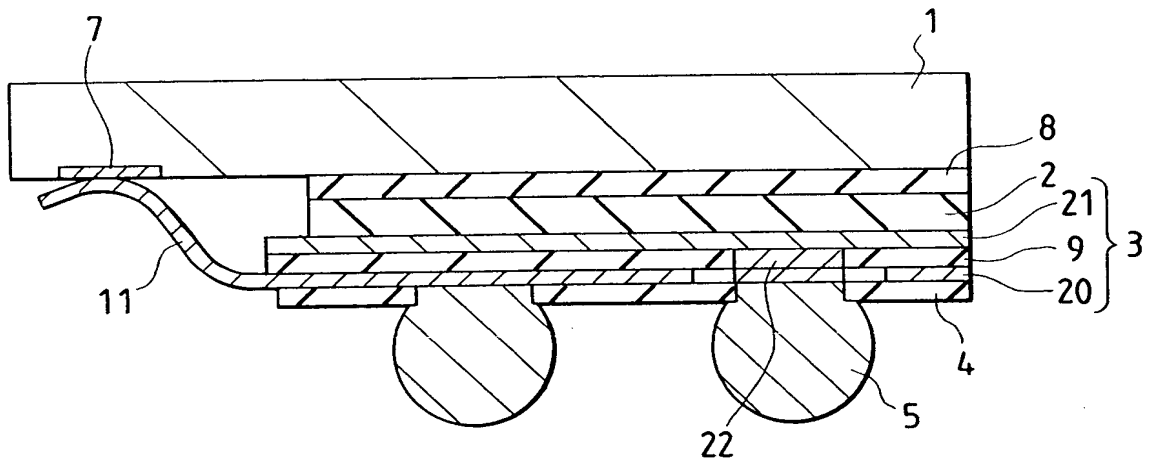


FIG. 9

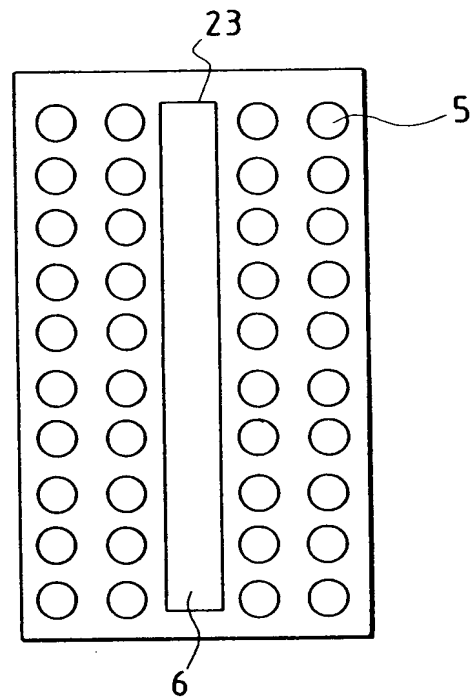


FIG. 10

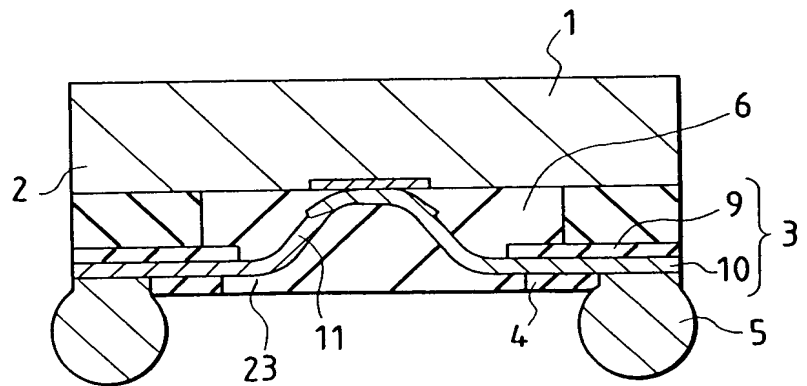


FIG. 11

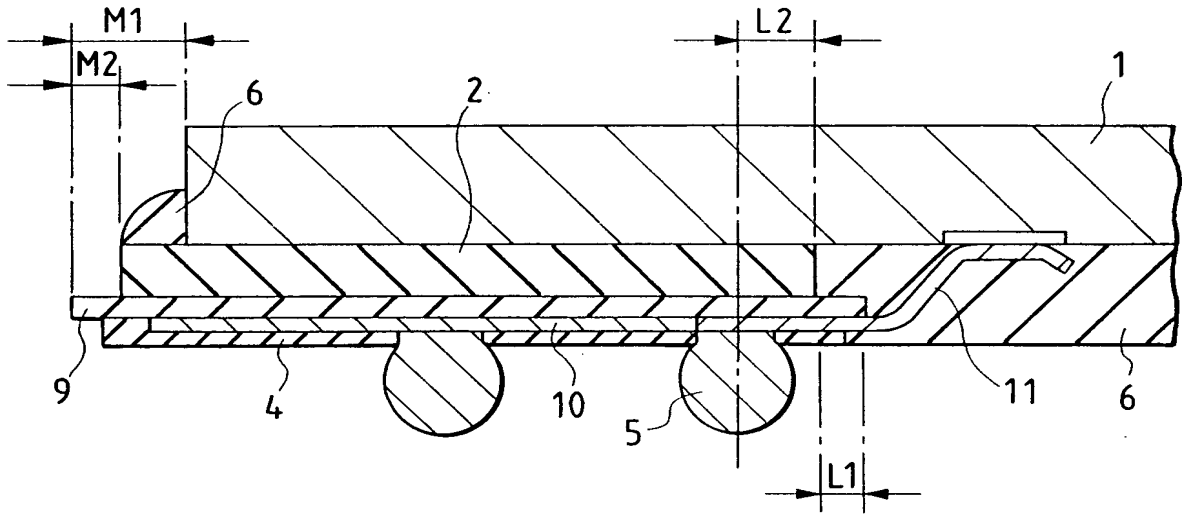


FIG. 12

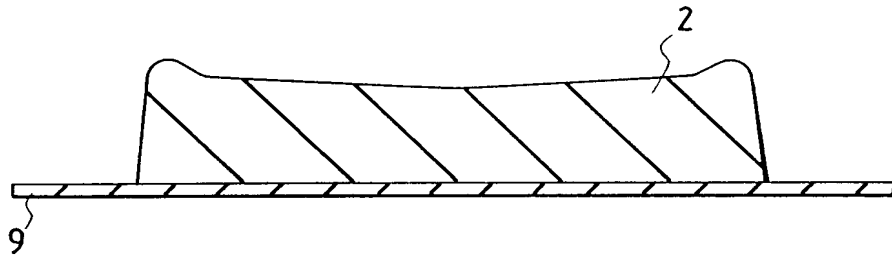
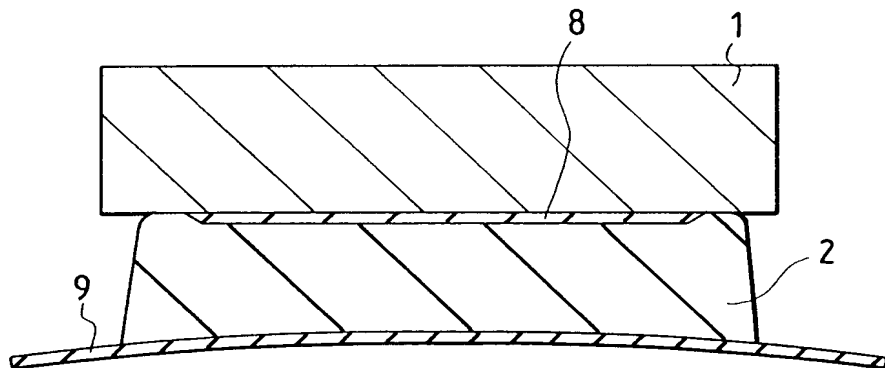
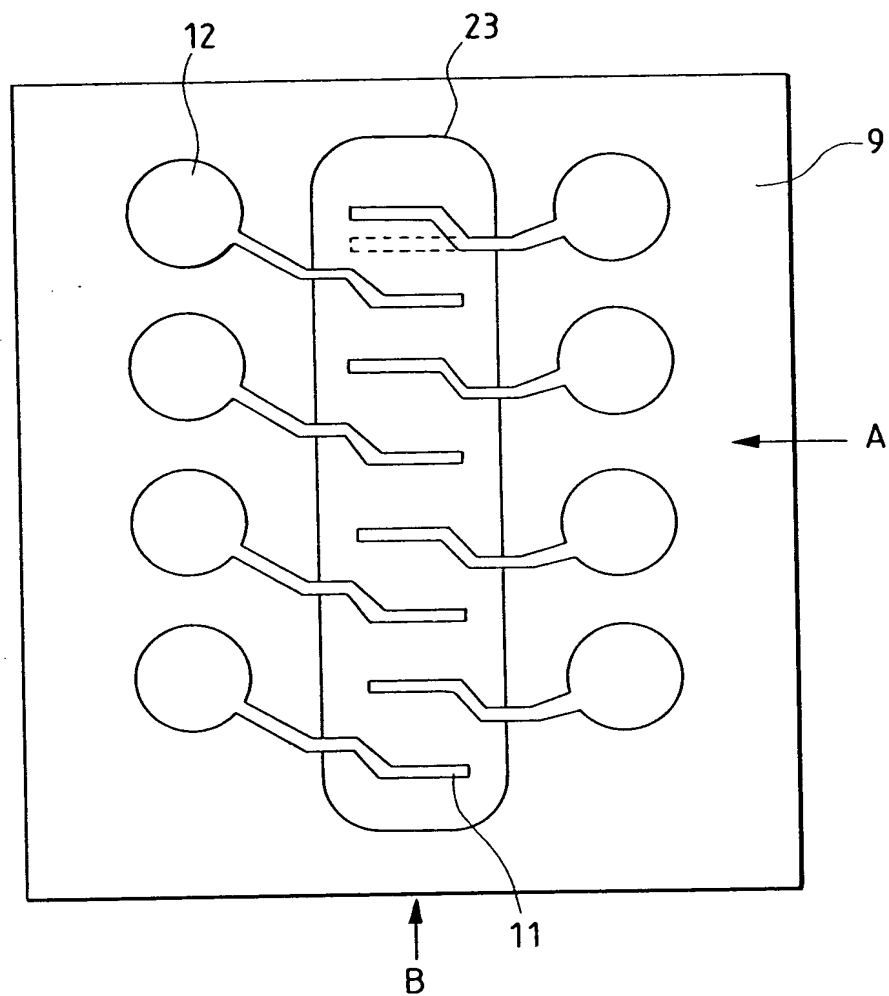


FIG. 13



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FIG. 14



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FIG. 15

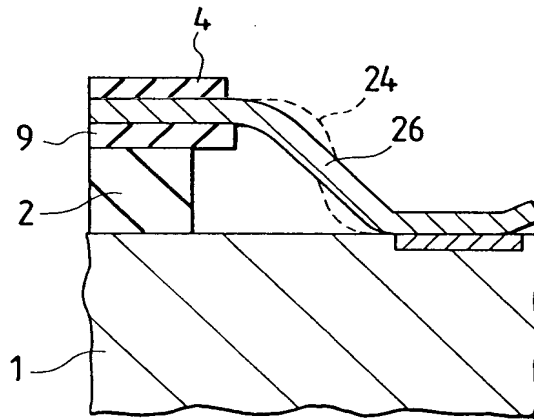


FIG. 16

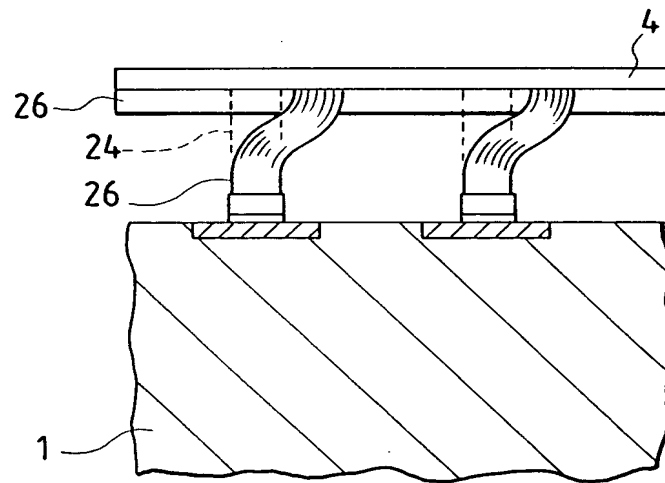


FIG. 17

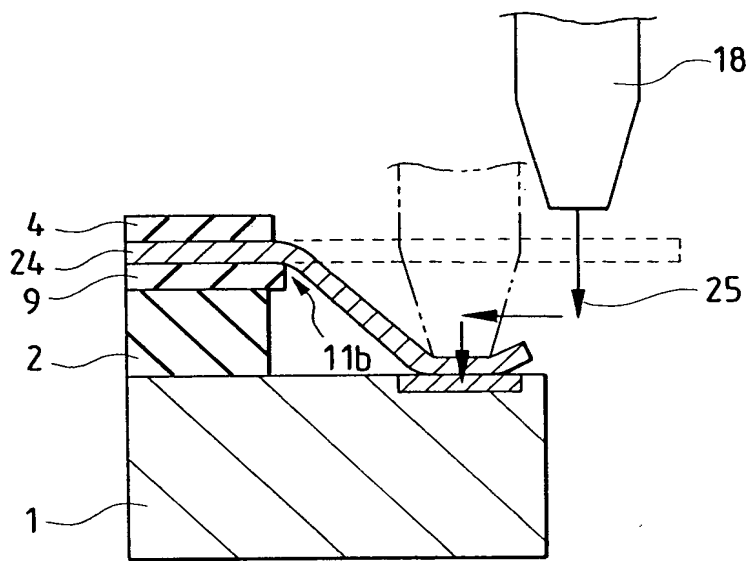
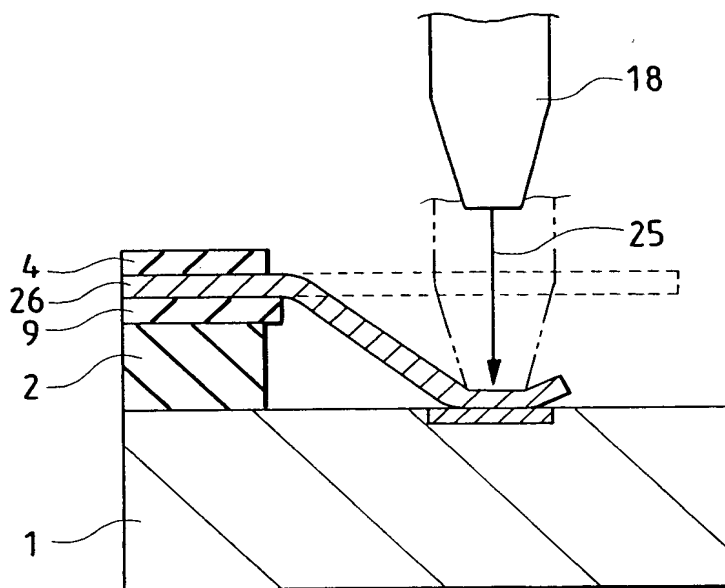


FIG. 18



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FIG. 19

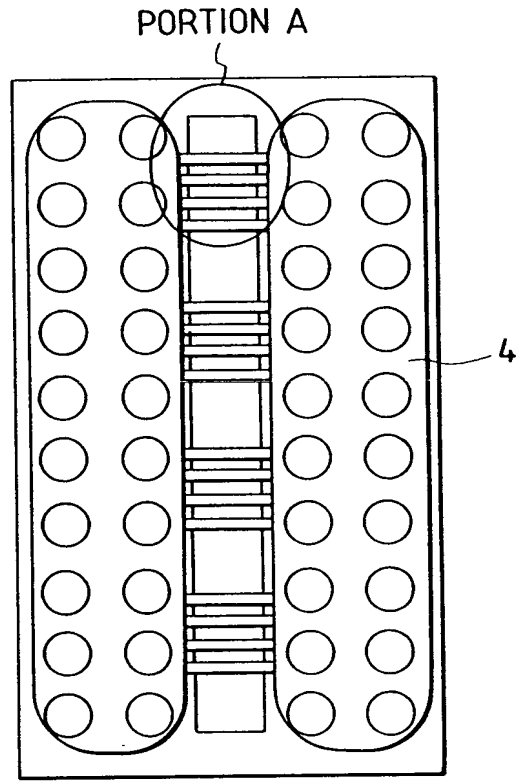
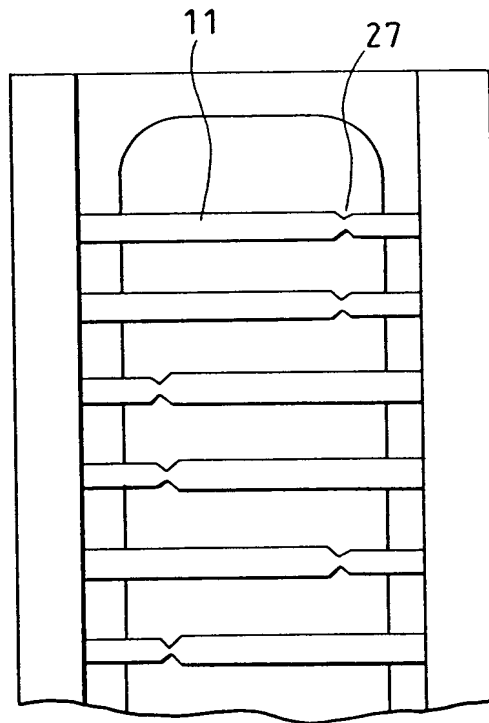


FIG. 20



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FIG. 21

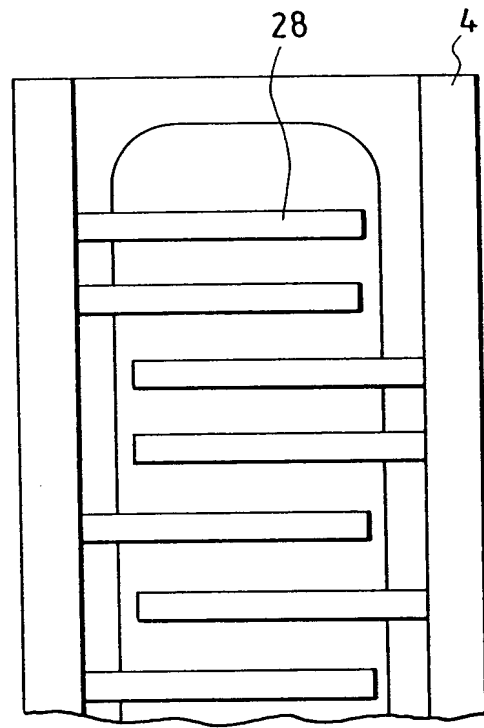
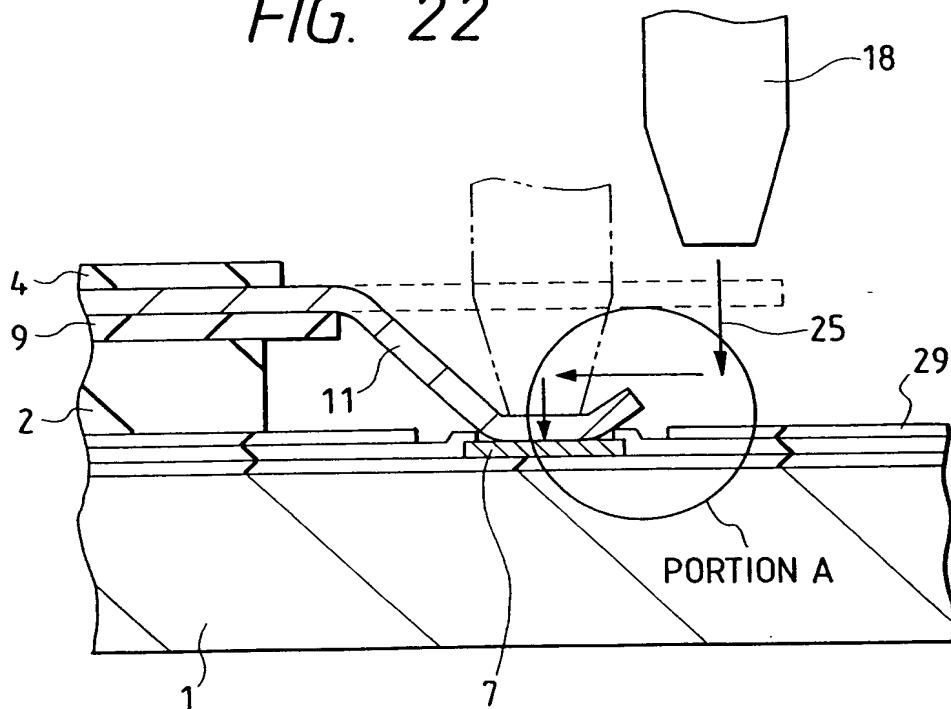


FIG. 22



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FIG. 23

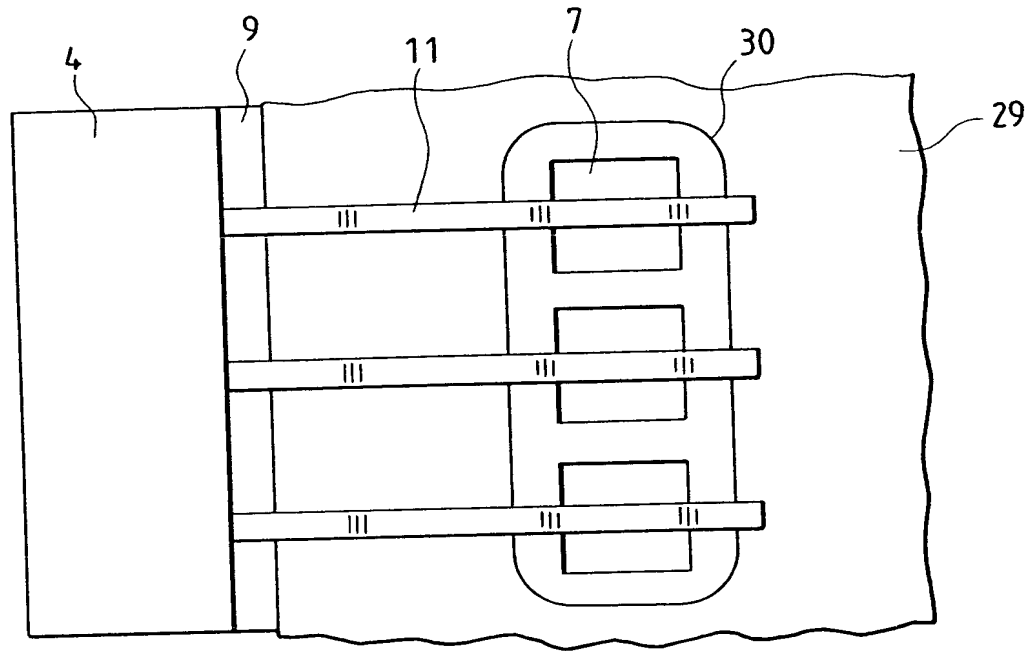


FIG. 24

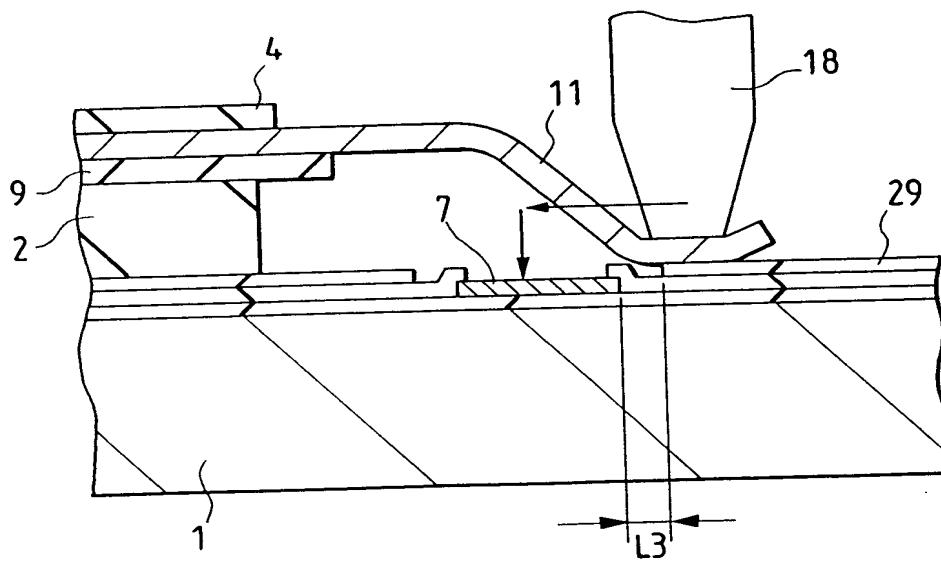


FIG. 26

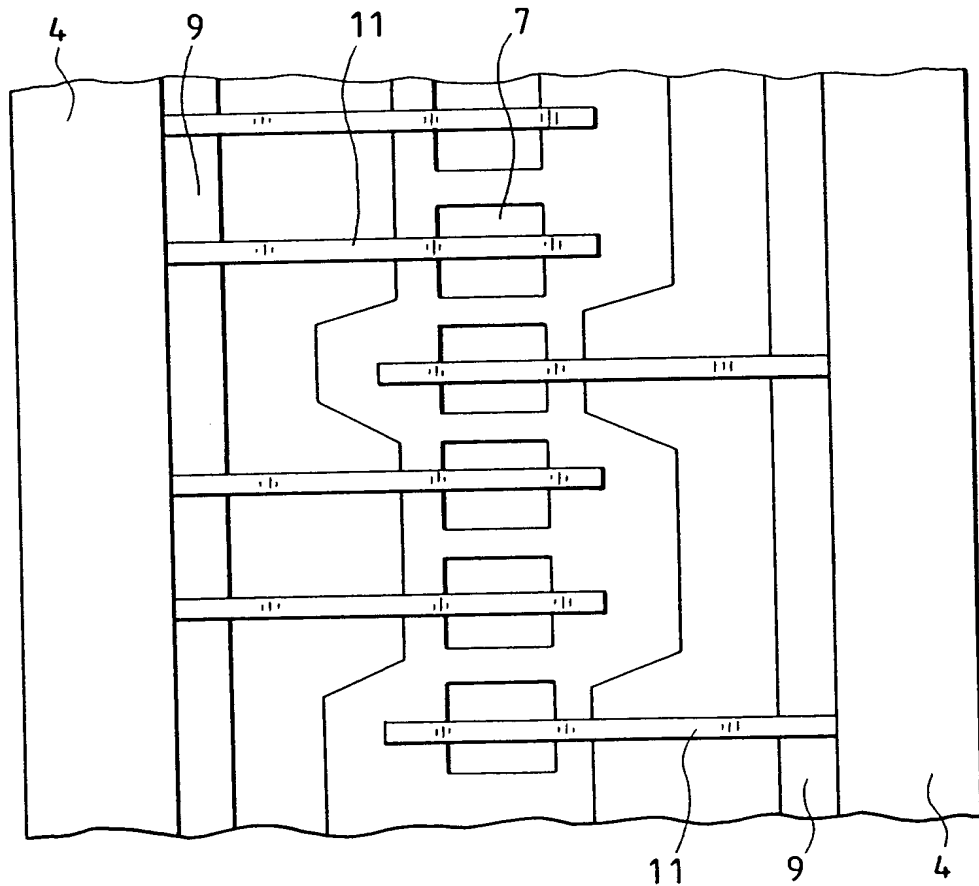
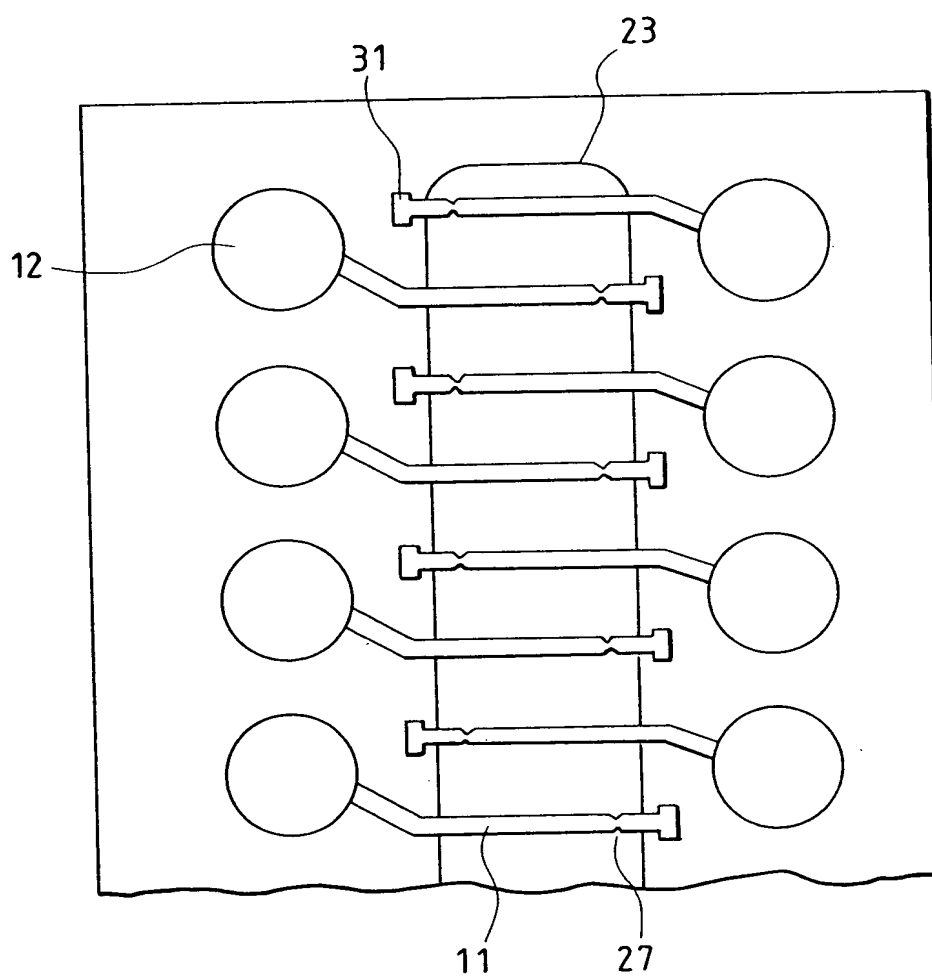
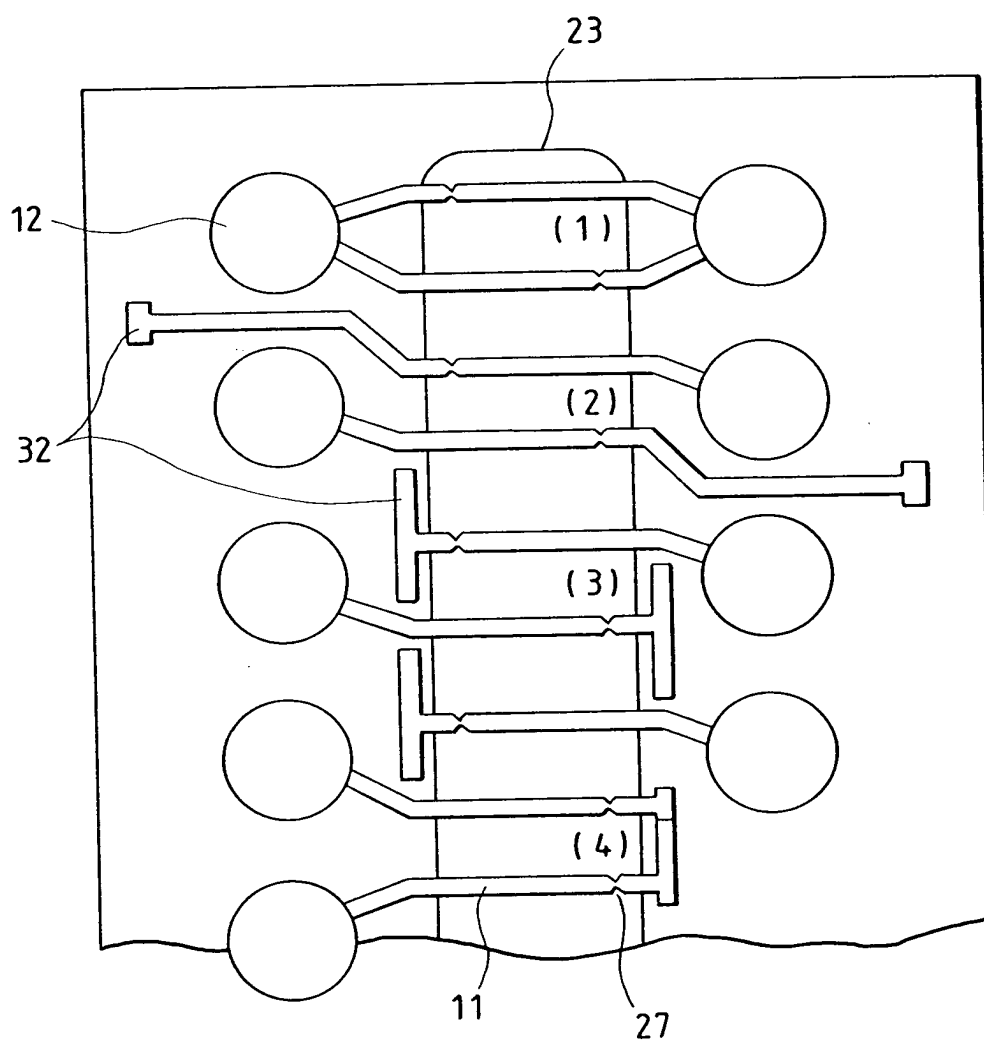


FIG. 27



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FIG. 28



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FIG. 29

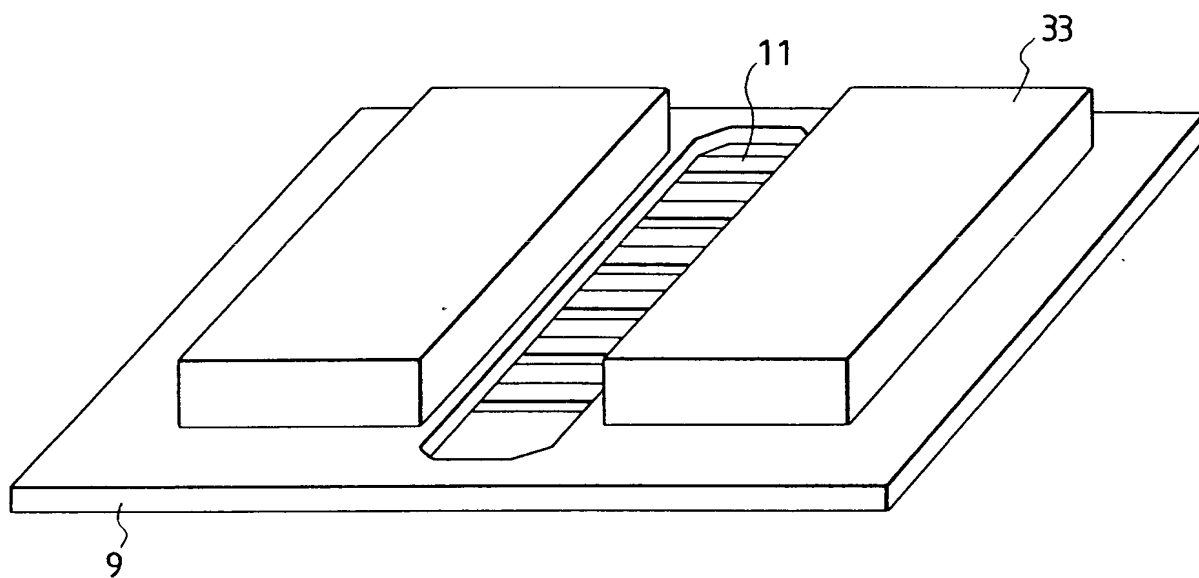
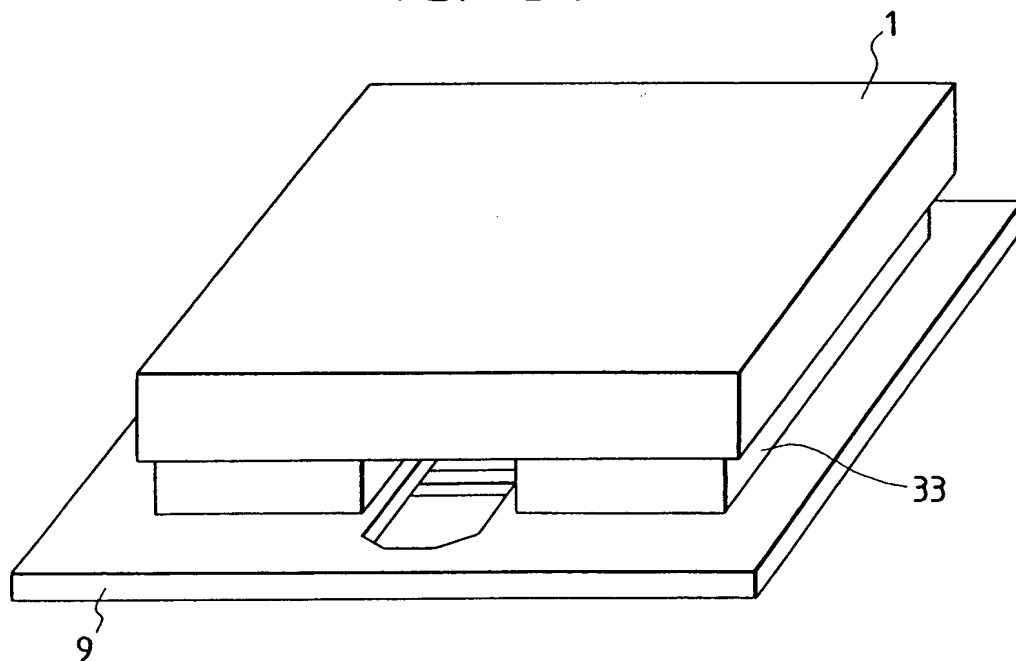


FIG. 30



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FIG. 31

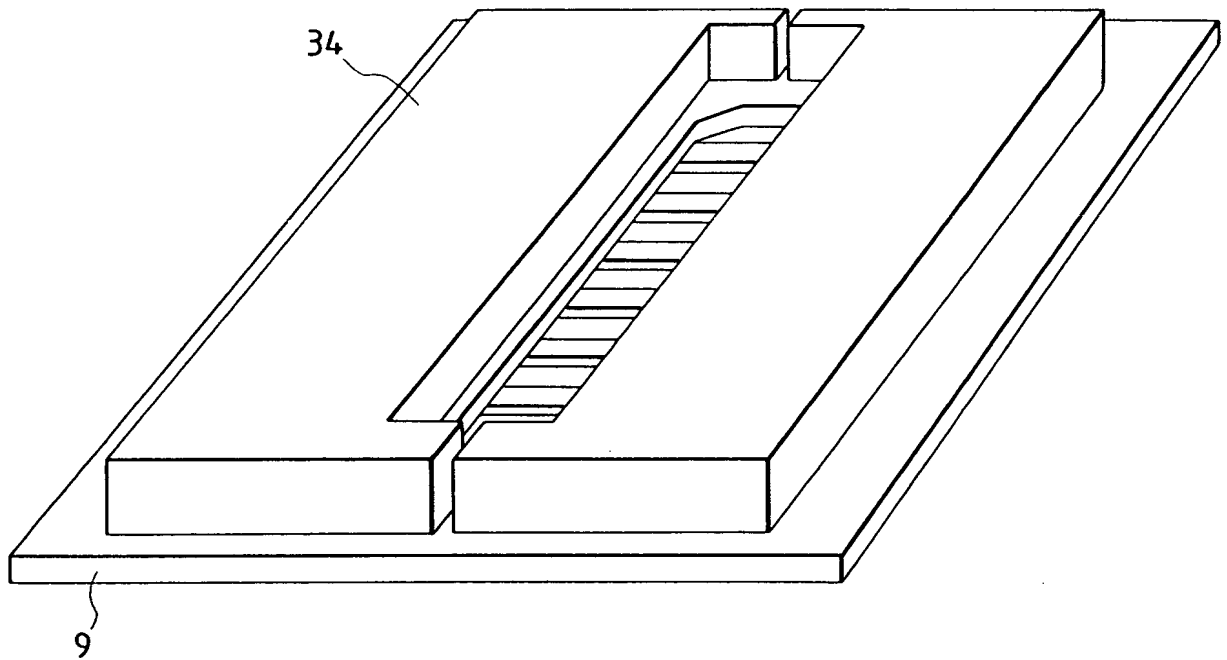
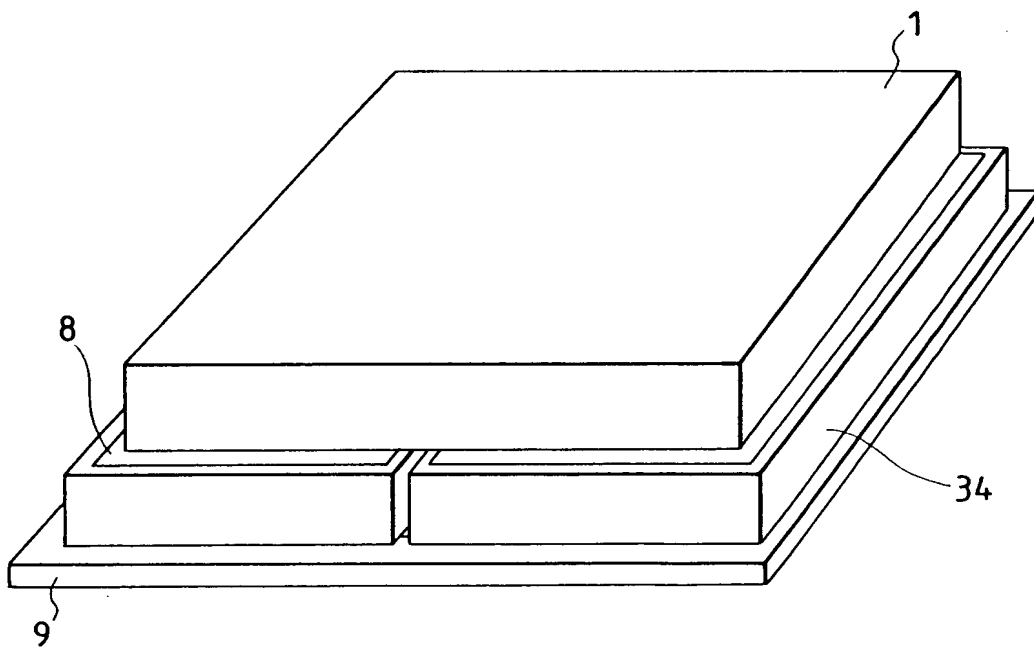


FIG. 32



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FIG. 33

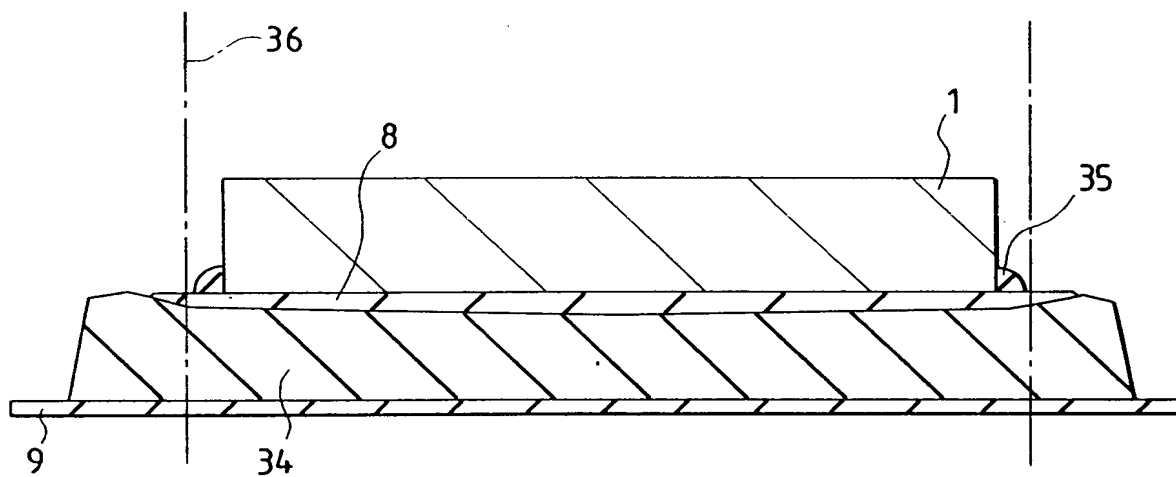
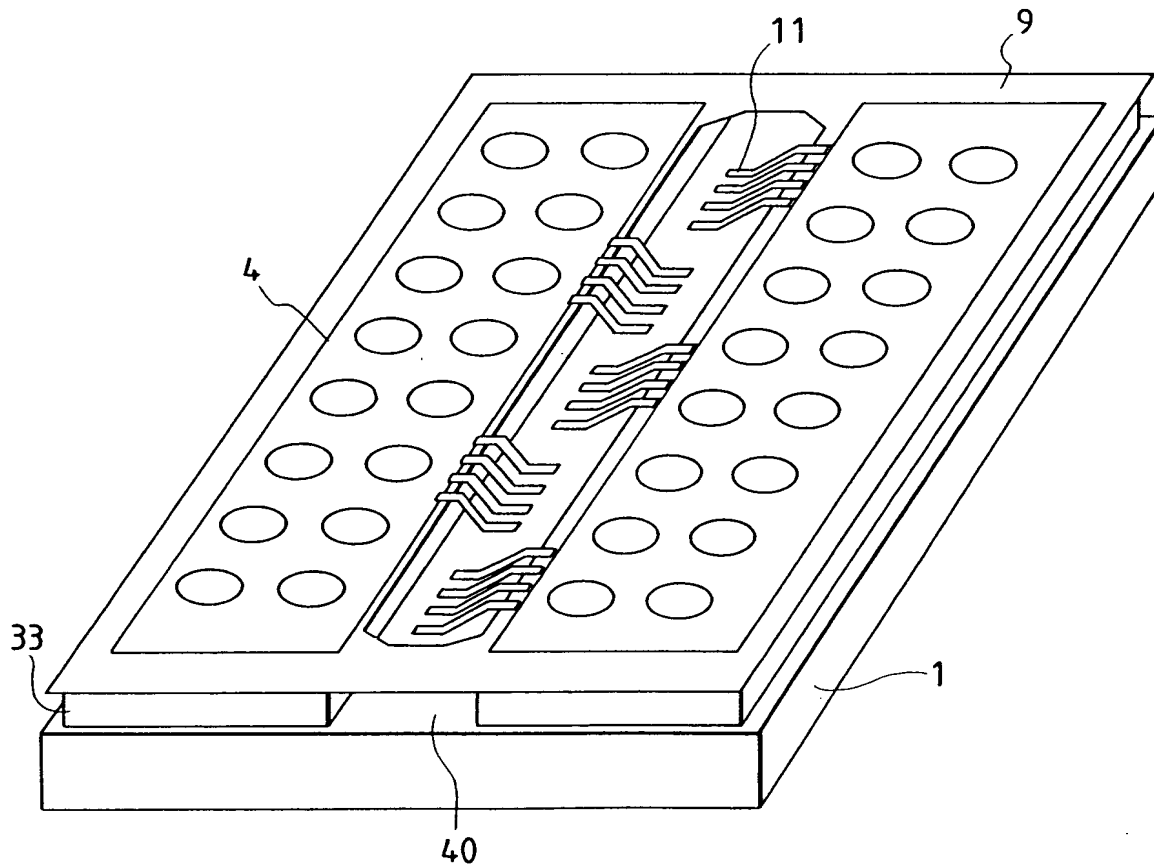


FIG. 34



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FIG. 35

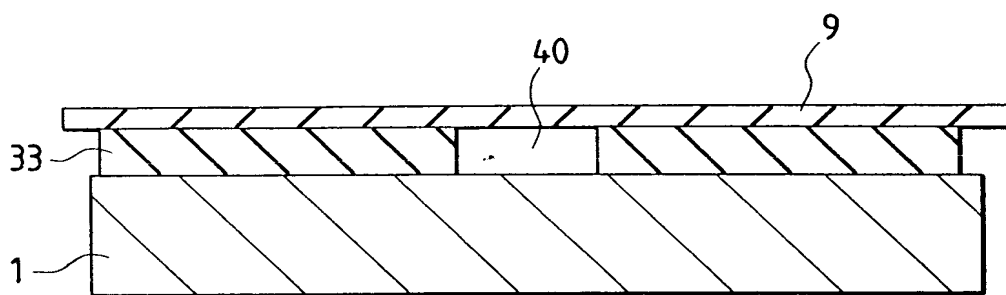
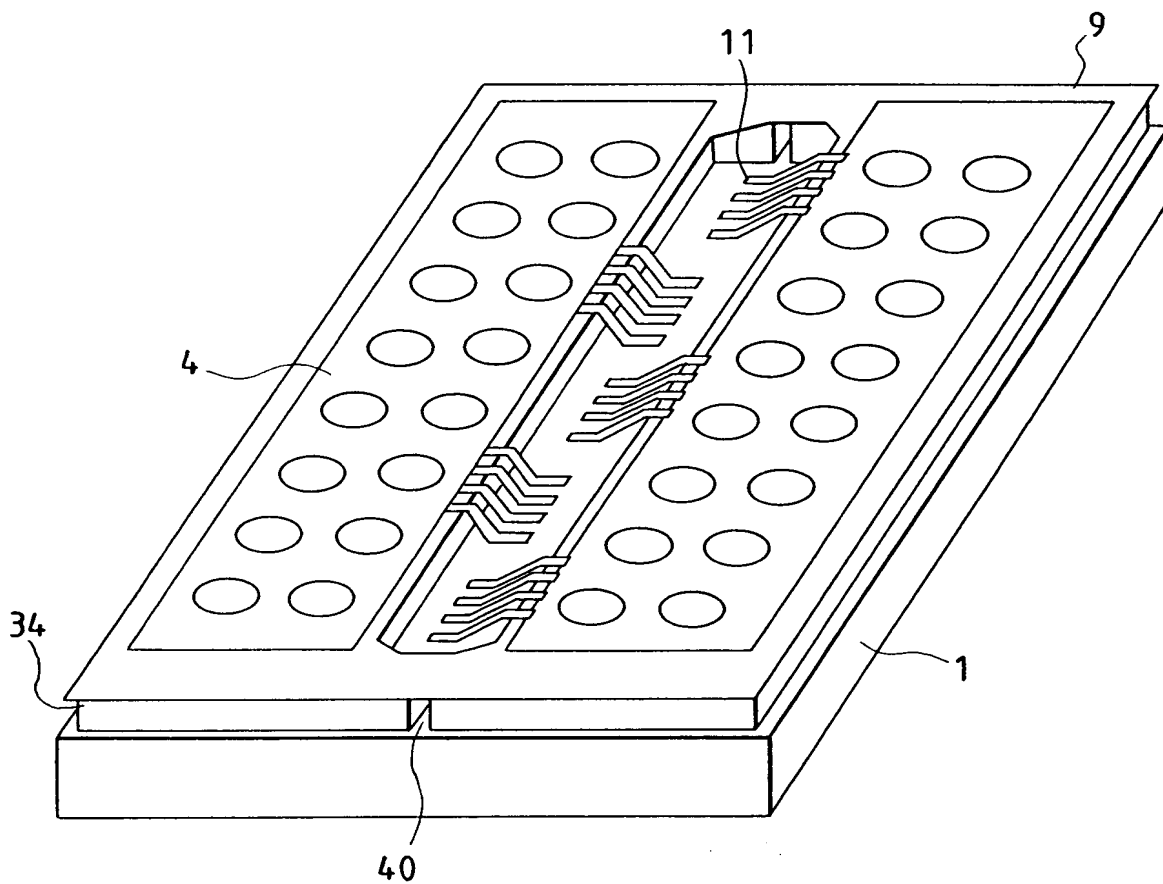


FIG. 36



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FIG. 37

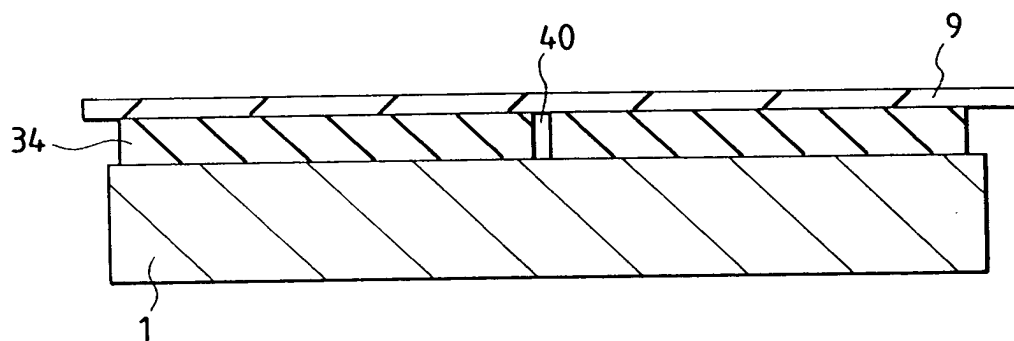
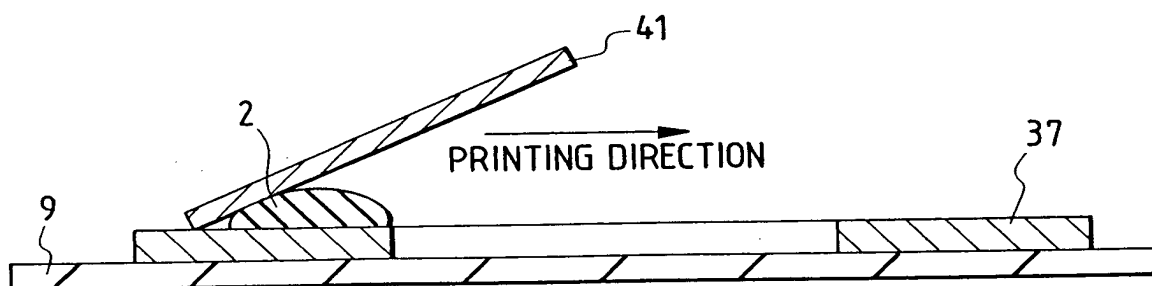


FIG. 38



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FIG. 39

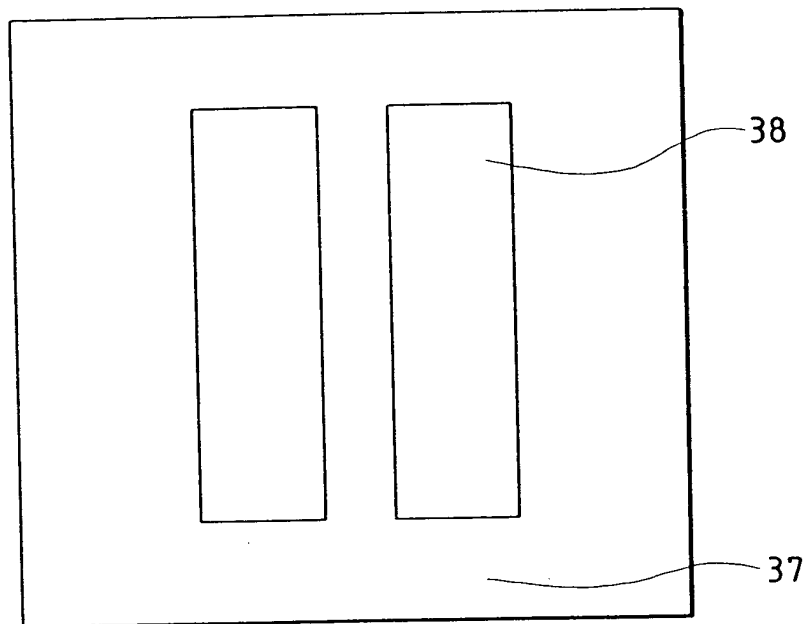
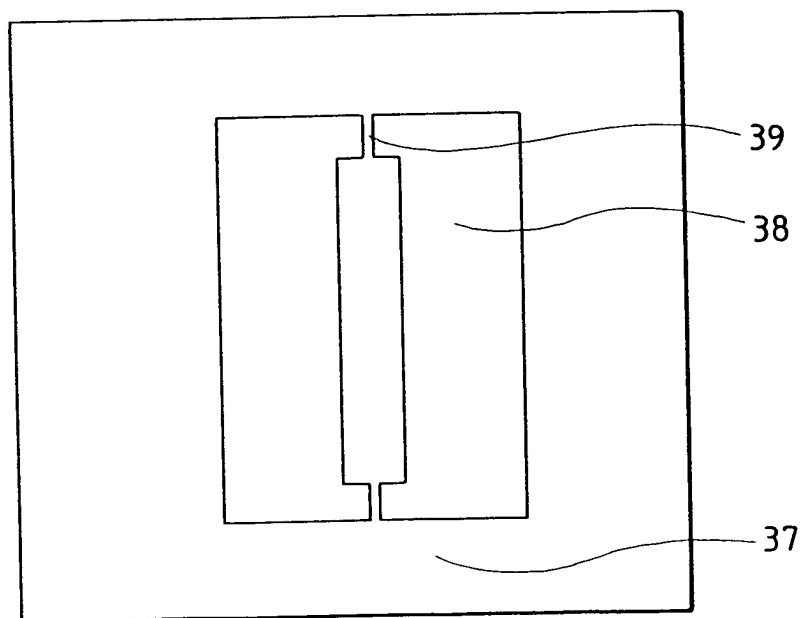


FIG. 40



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FIG. 41

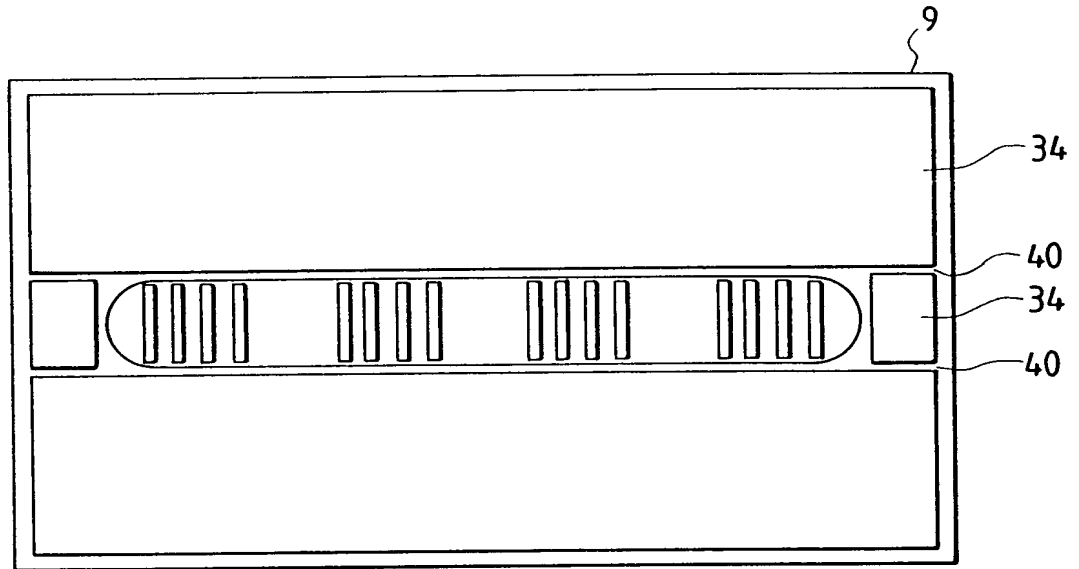


FIG. 42

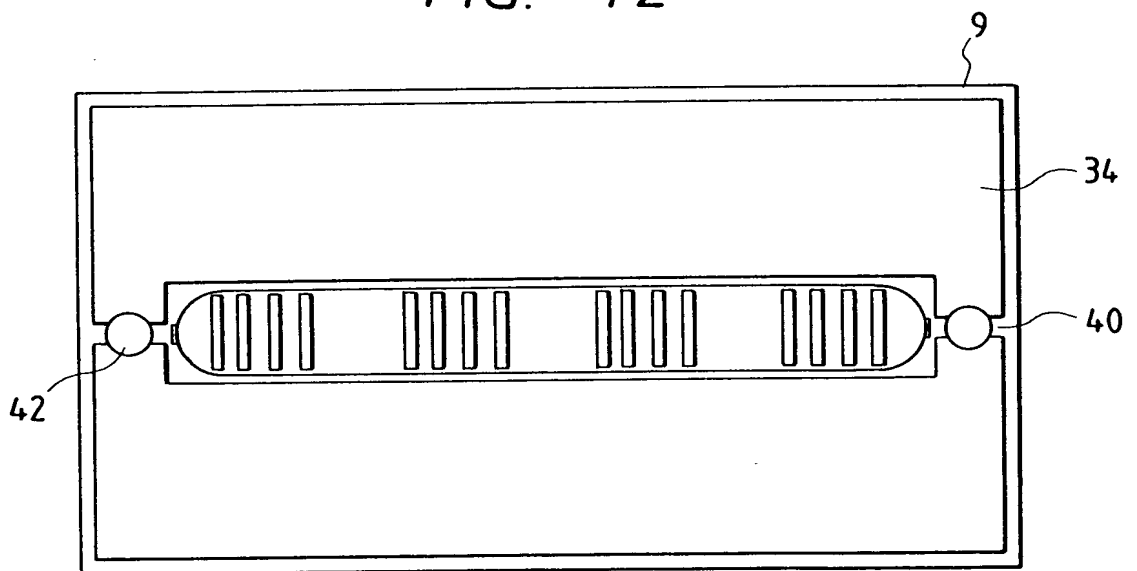


FIG. 43

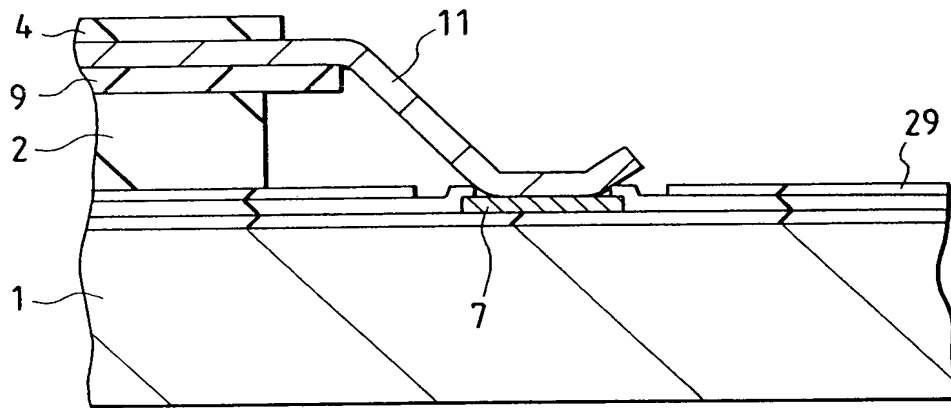


FIG. 44

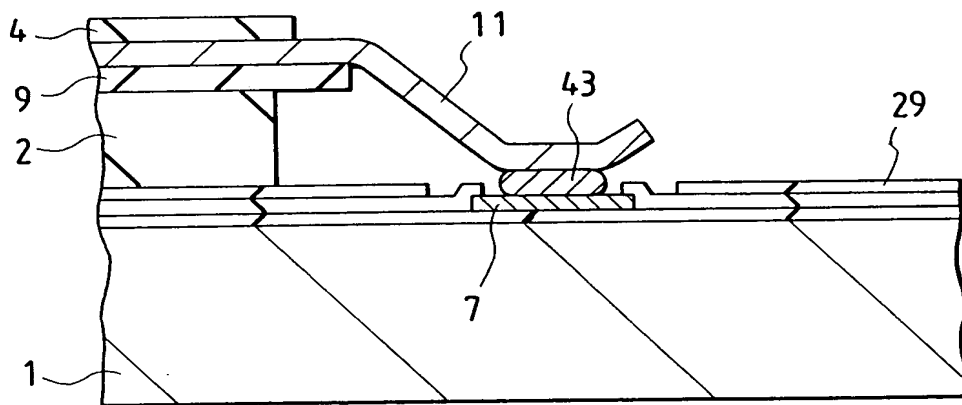


FIG. 45

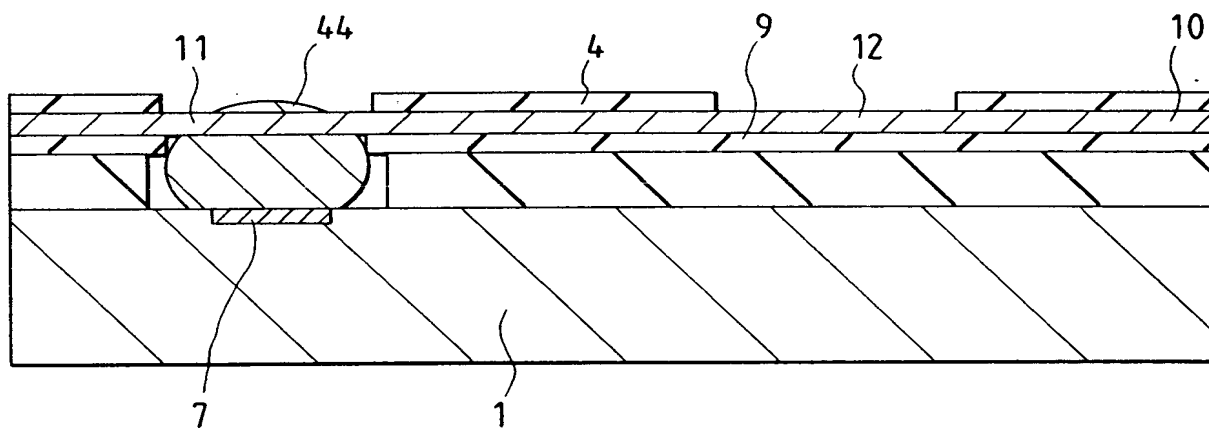


FIG. 46

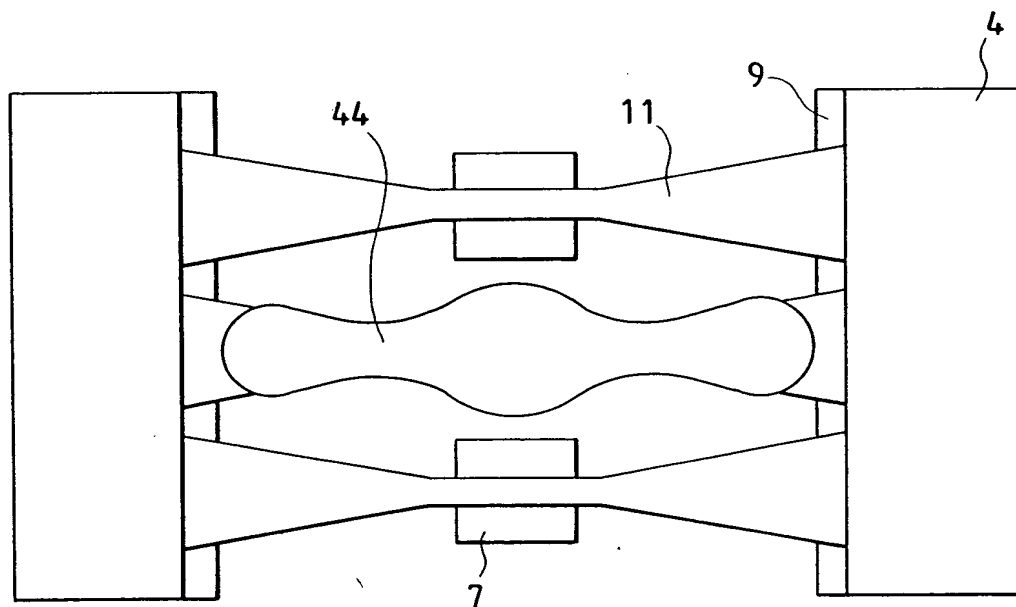


FIG. 48

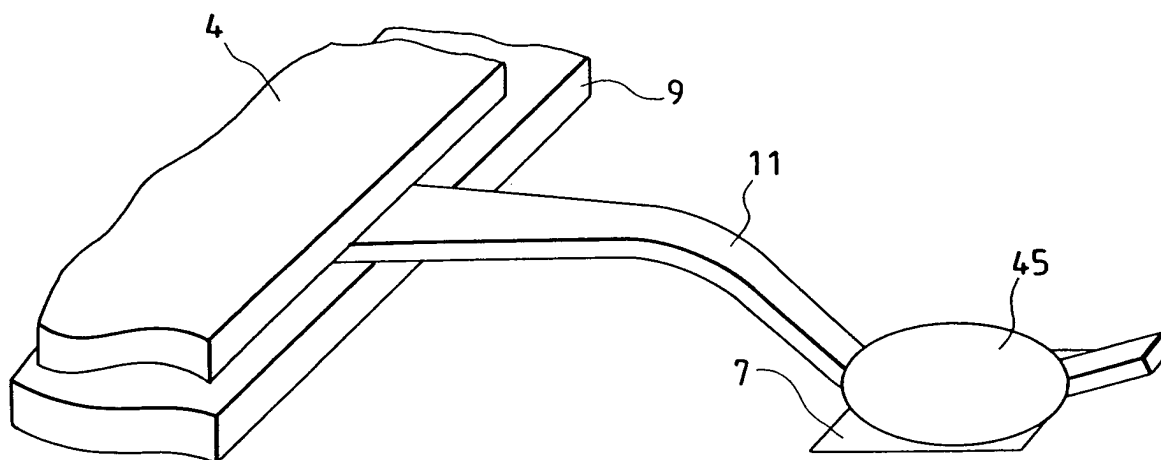
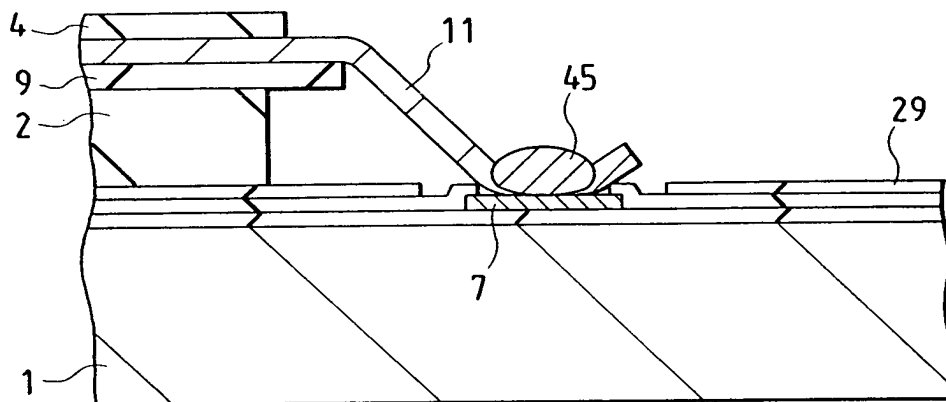


FIG. 49

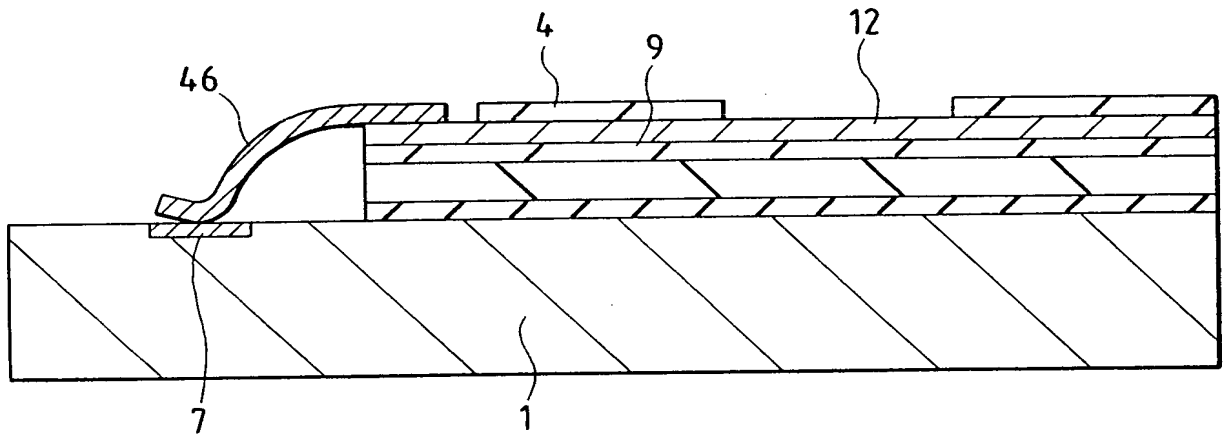


FIG. 50

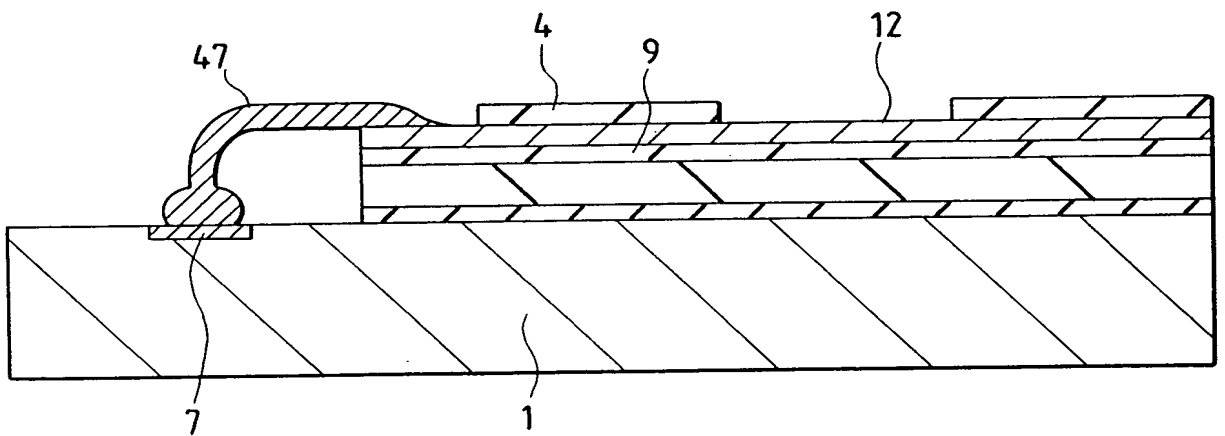


FIG. 51

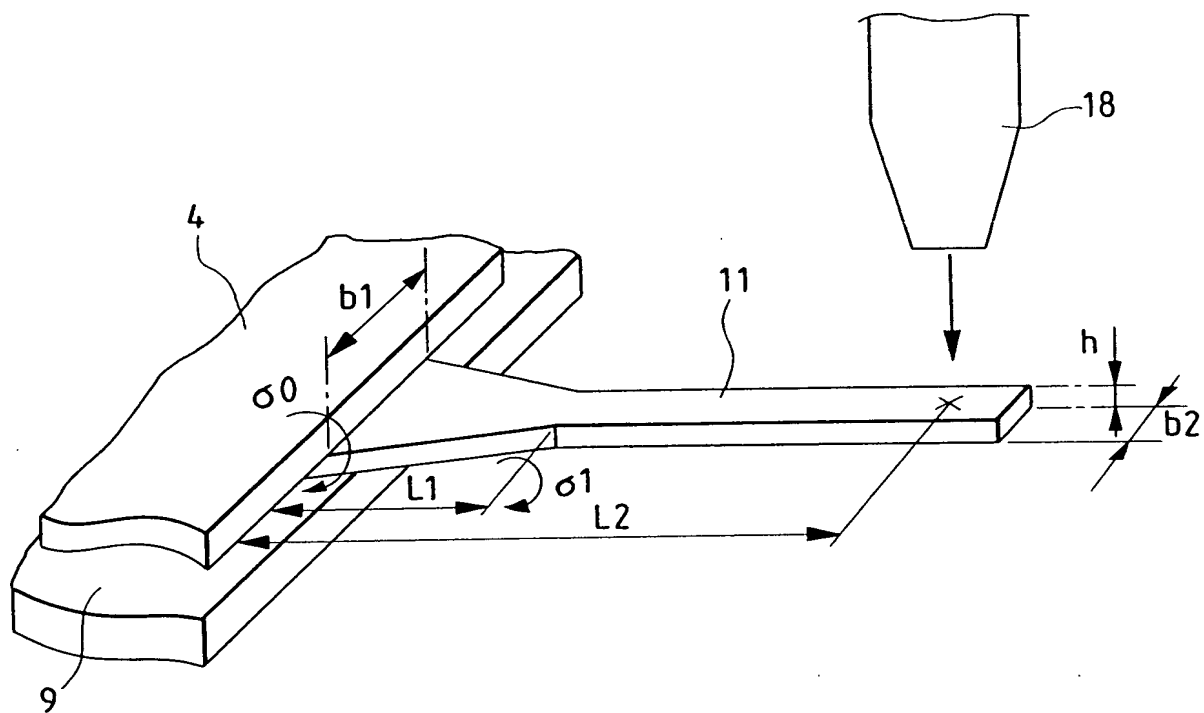


FIG. 52

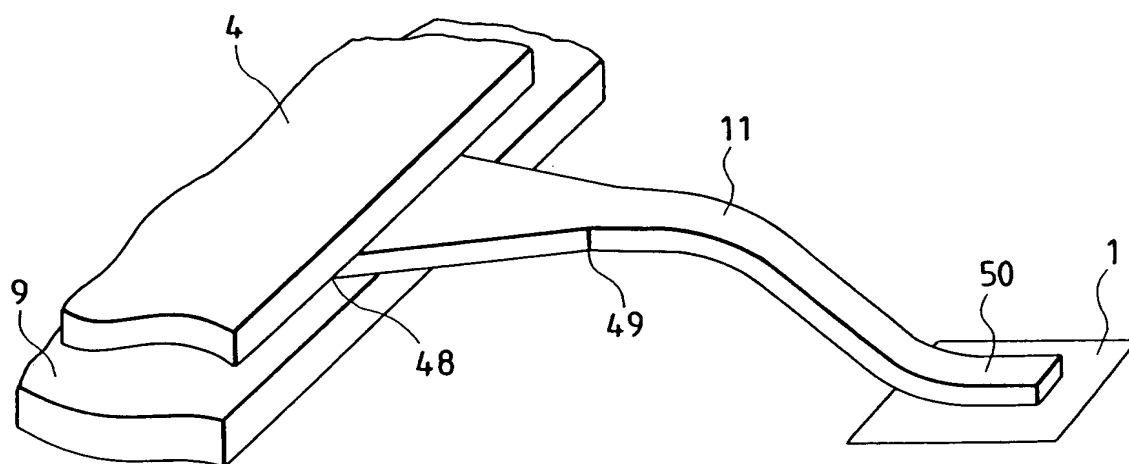


FIG. 53

LEAD SIZE SYMBOL		L1	L2	b1	b2	h	α
MEANING OF SYMBOL		TAPER LENGTH μm	WIRING LENGTH μm	TAPER WIDTH μm	LEAD WIDTH μm	LEAD THICKNESS μm	BENDING STRESS RATIO 1
UNIT -							
TECHNIQUE STUDIED	①	100	280	60	38	18	1.02
	②	80	280	60	38	18	1.13
EMBODIMENT	①	100	380	65	38	18	1.26
	②	80	380	60	38	18	1.25
	③	100	380	65	38	18	1.26
	④	100	430	65	38	18	1.31
	⑤	100	480	70	38	18	1.46

FIG. 54

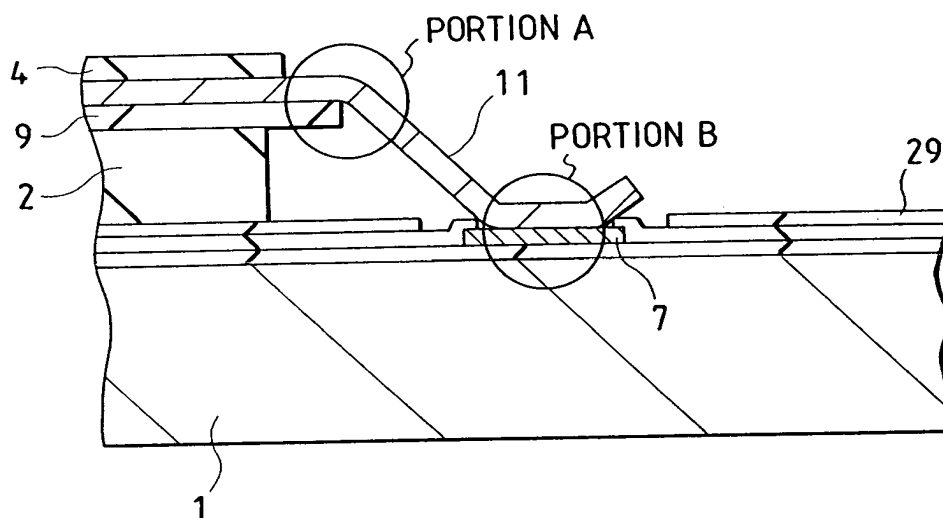


FIG. 55

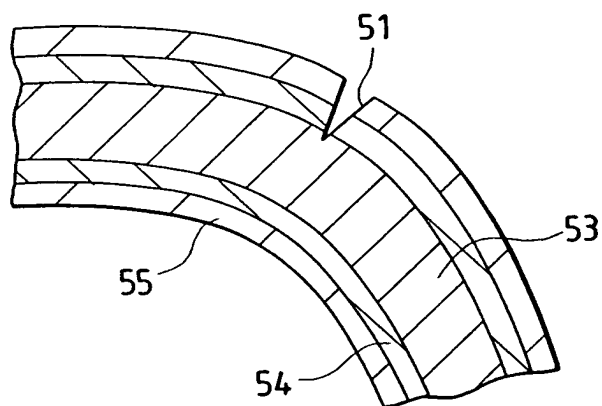


FIG. 56

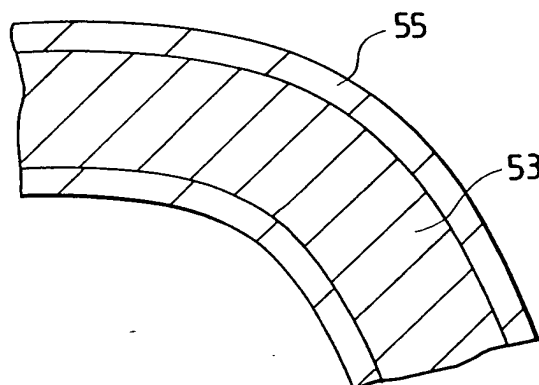


FIG. 57

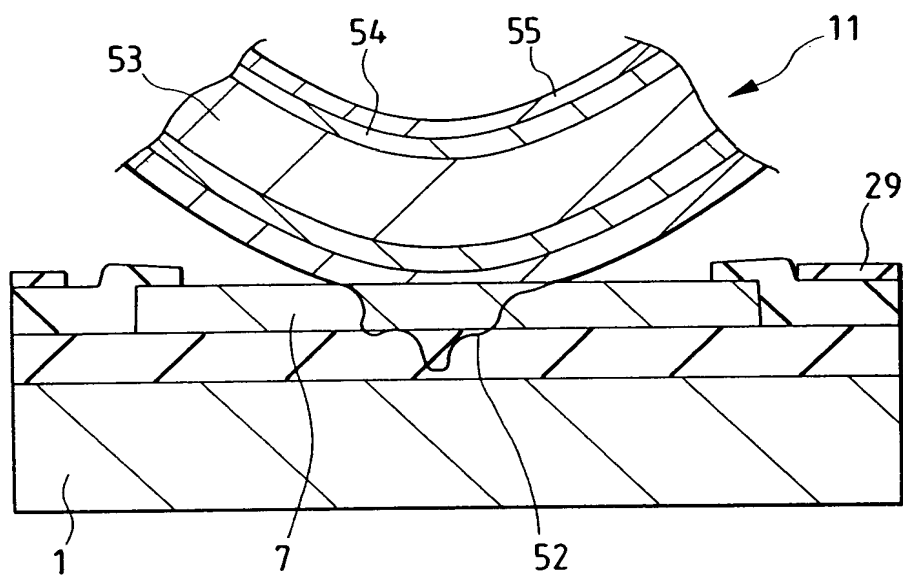
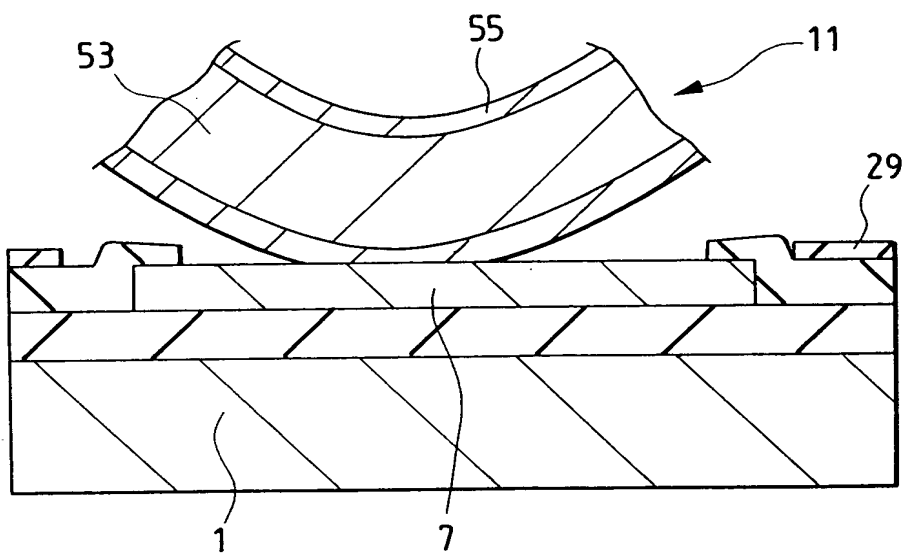


FIG. 58



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FIG. 59

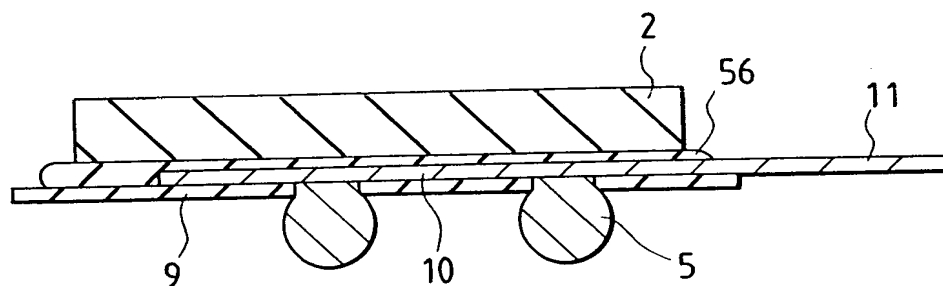
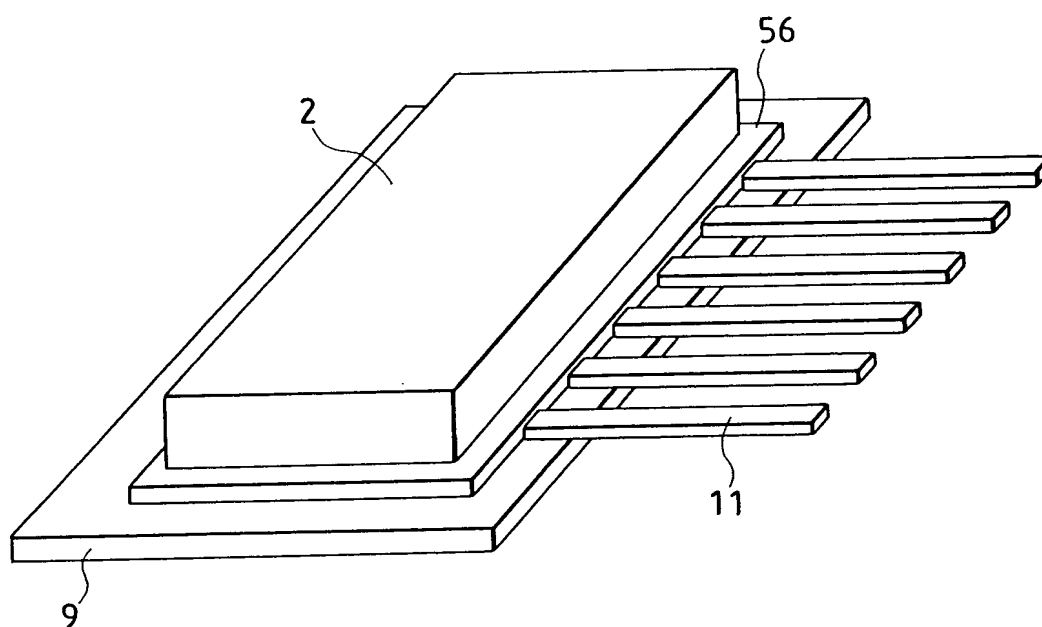


FIG. 60



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FIG. 61

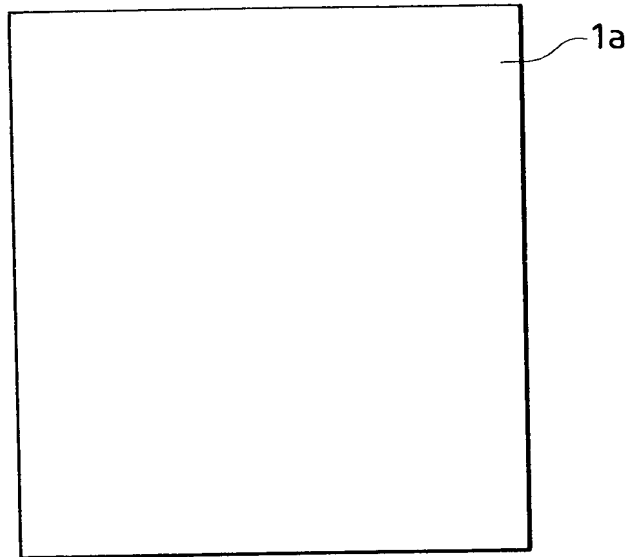
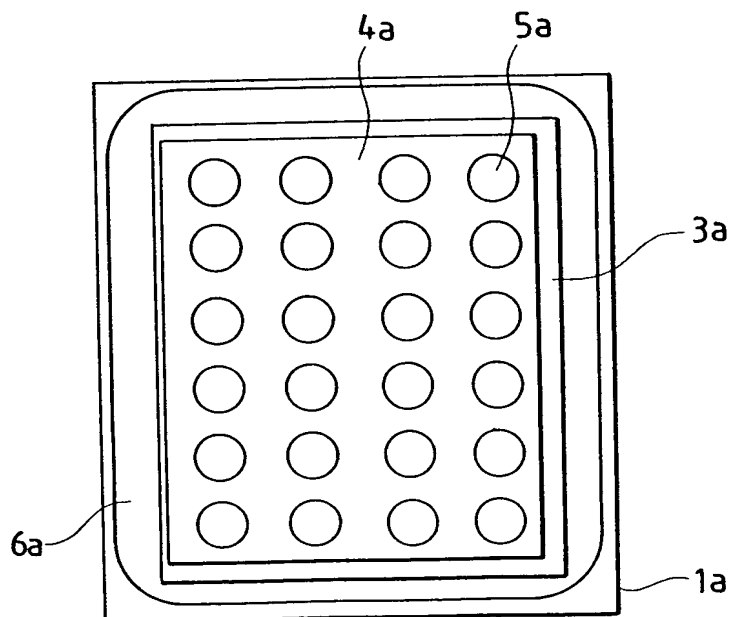


FIG. 62



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FIG. 63

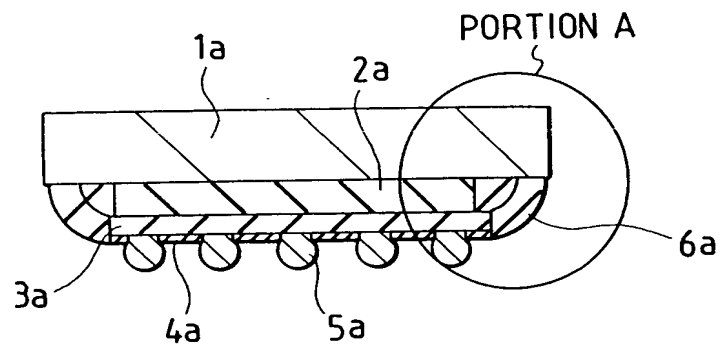
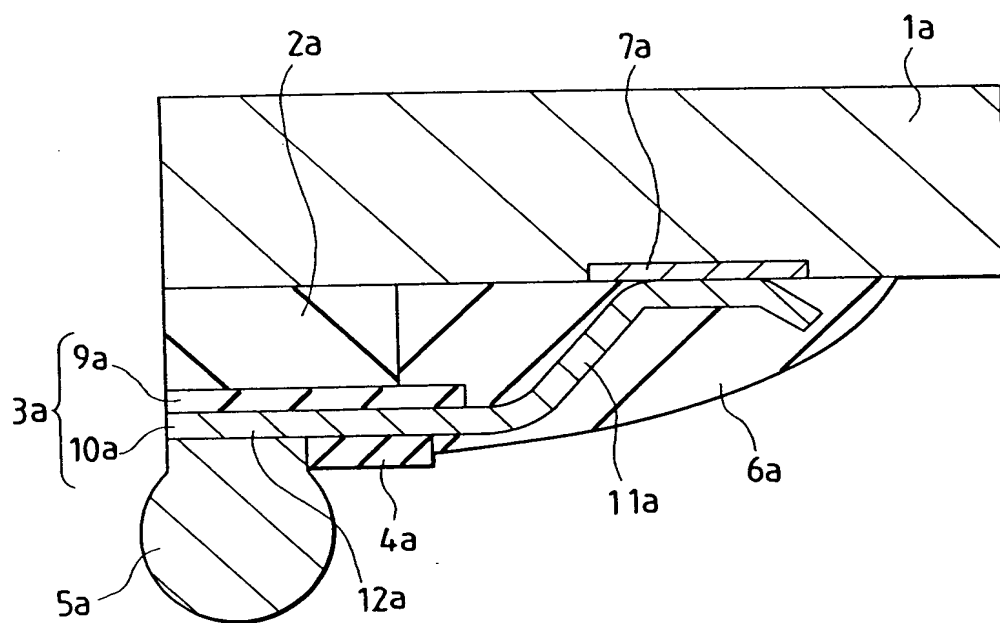


FIG. 64



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FIG. 65

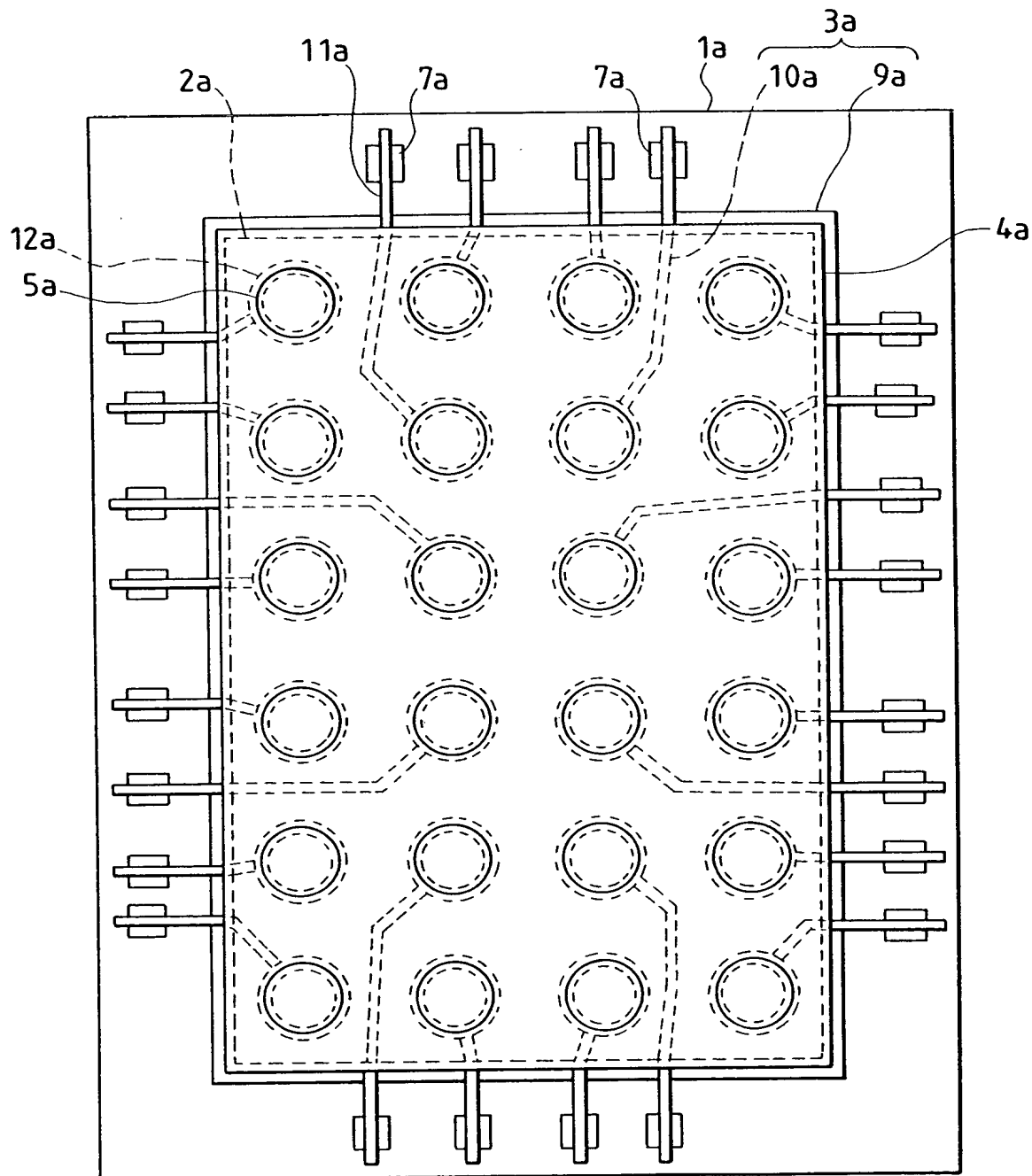


FIG. 66

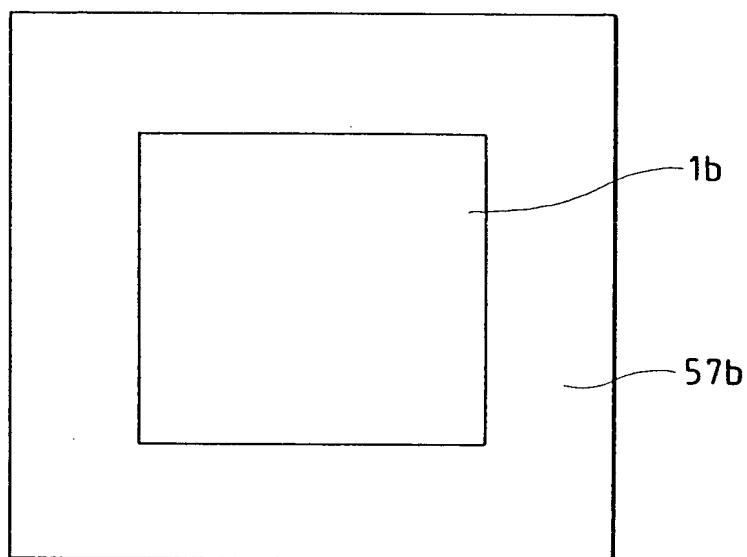
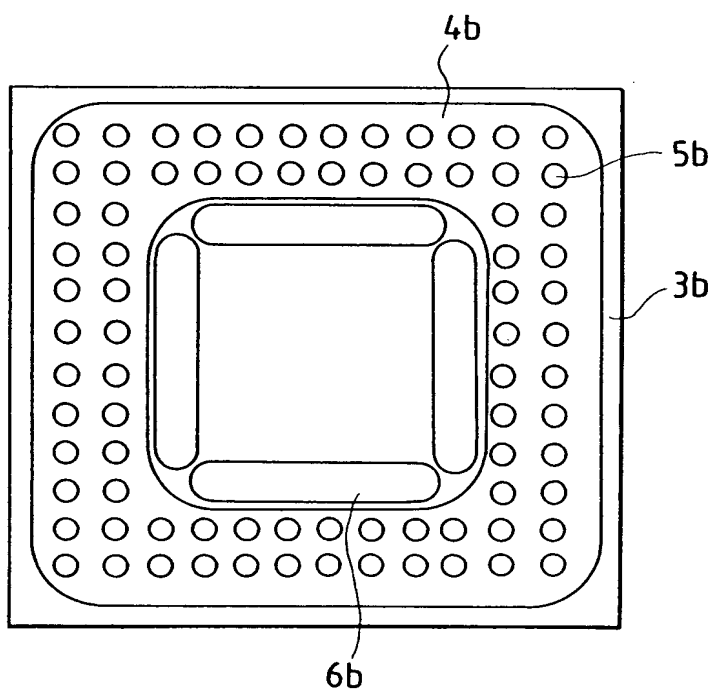


FIG. 67



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FIG. 68

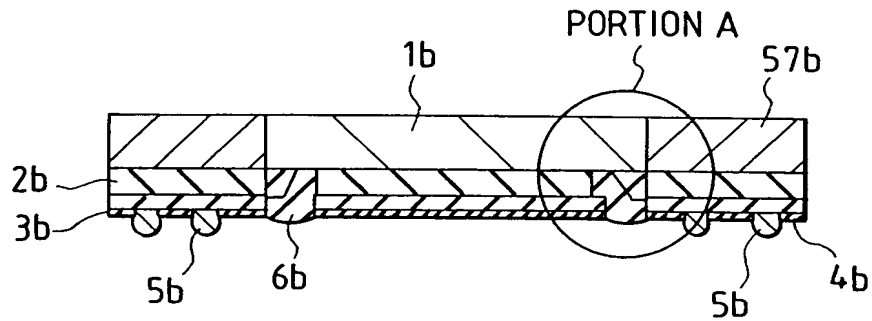
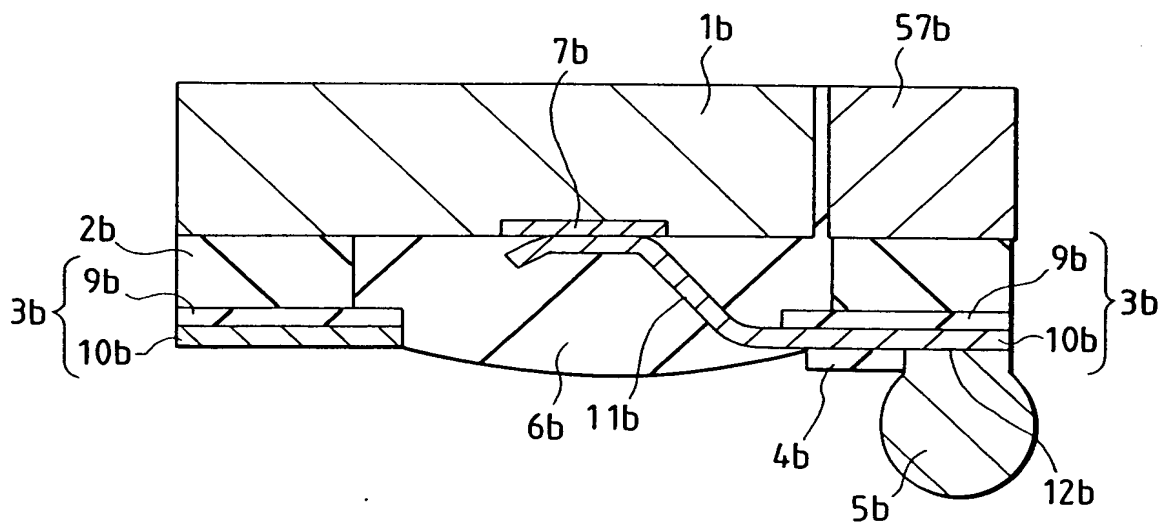
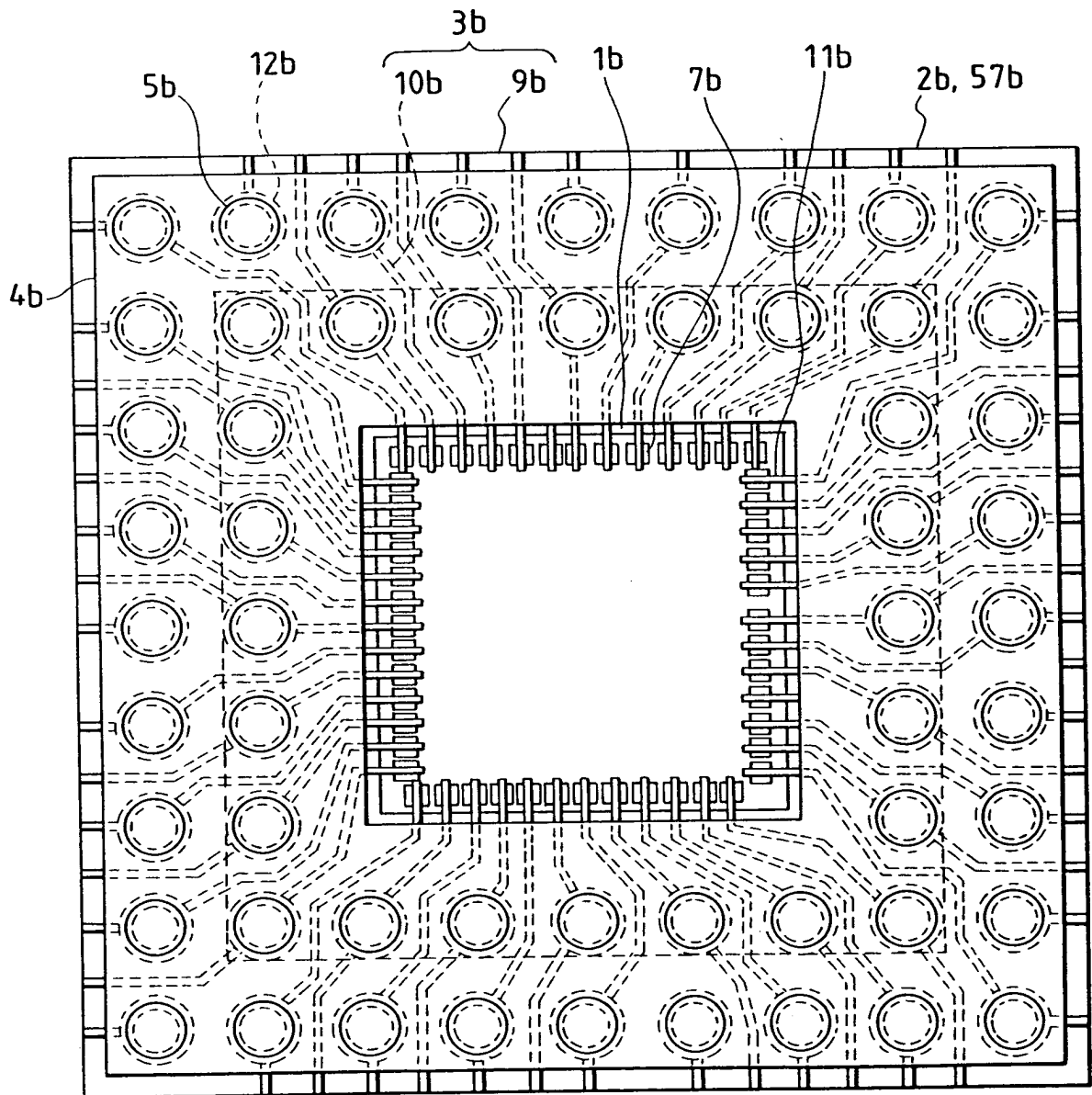


FIG. 69



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FIG. 70



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FIG. 71

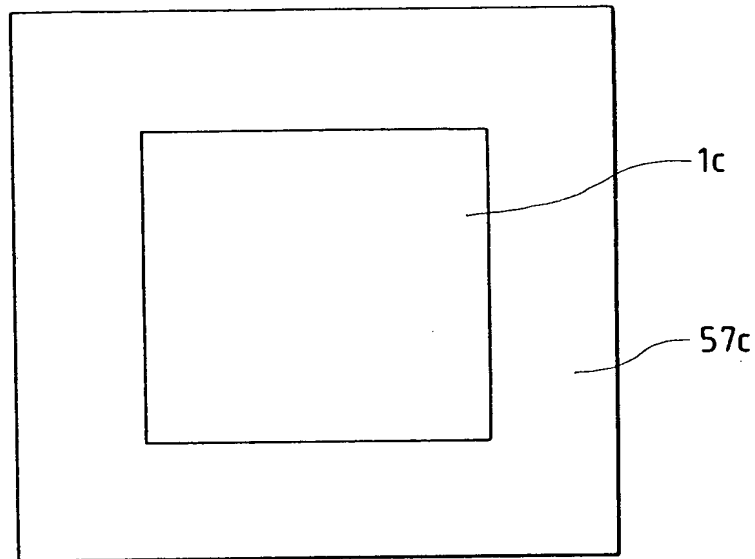


FIG. 72

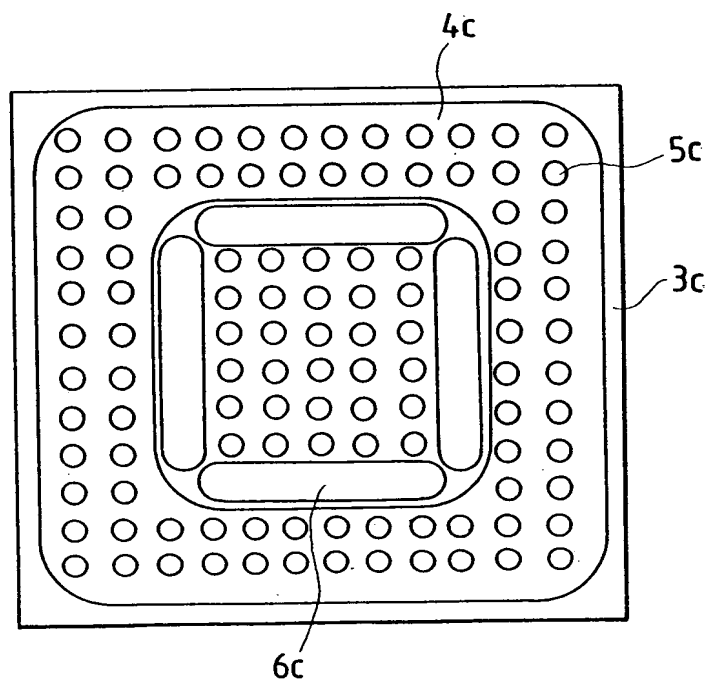


FIG. 73

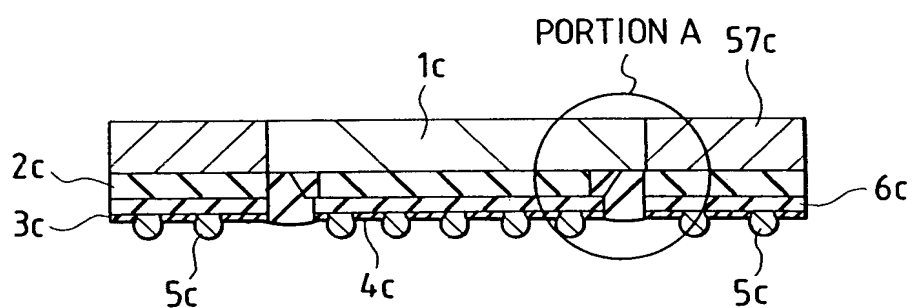


FIG. 74

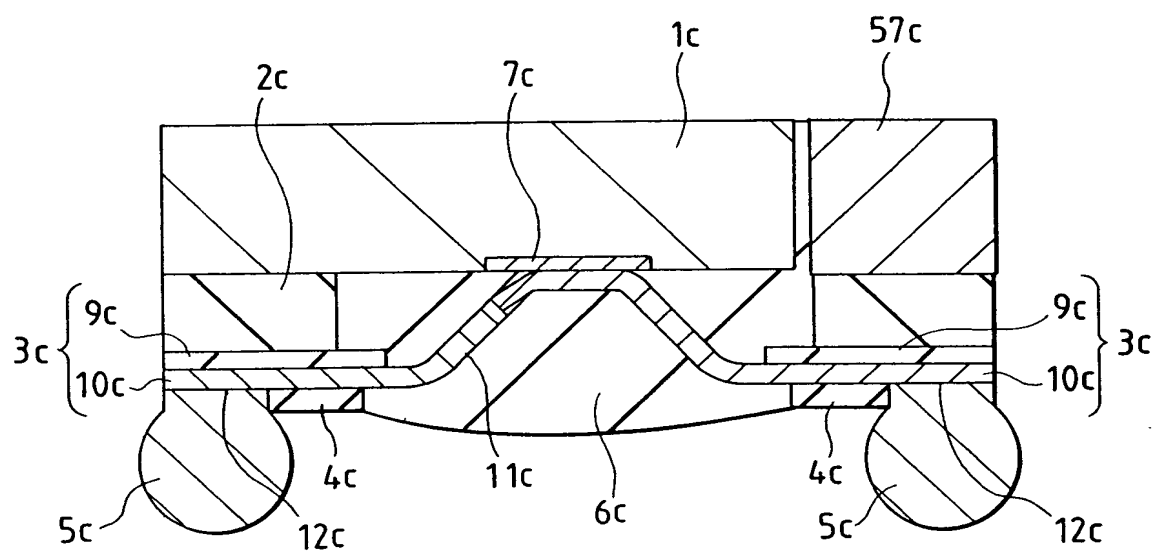
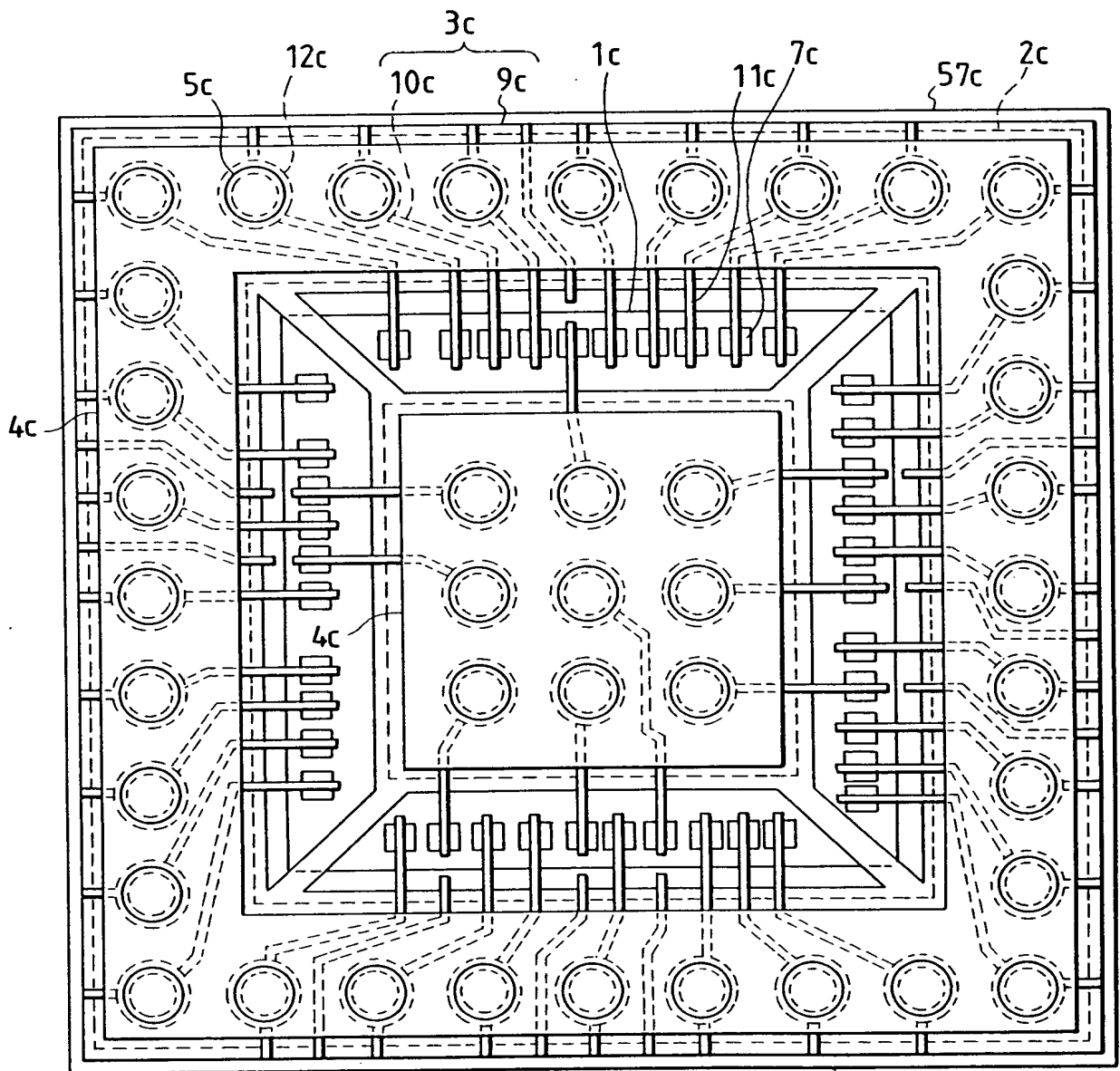


FIG. 75



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FIG. 76

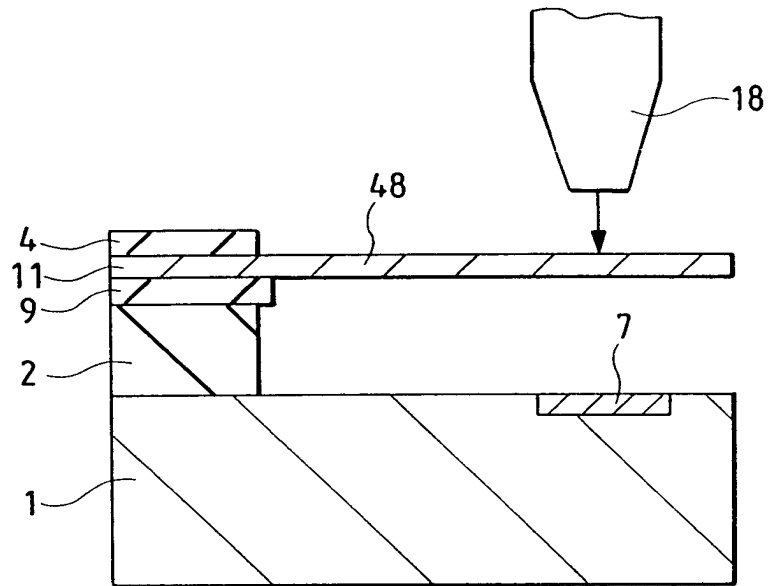
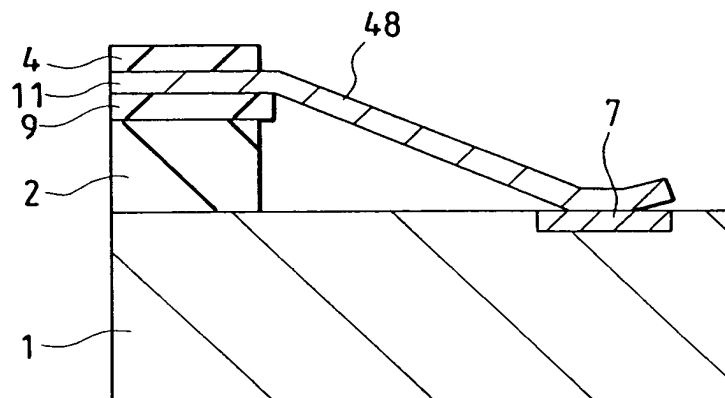


FIG. 77



10058709.013002

FIG. 78

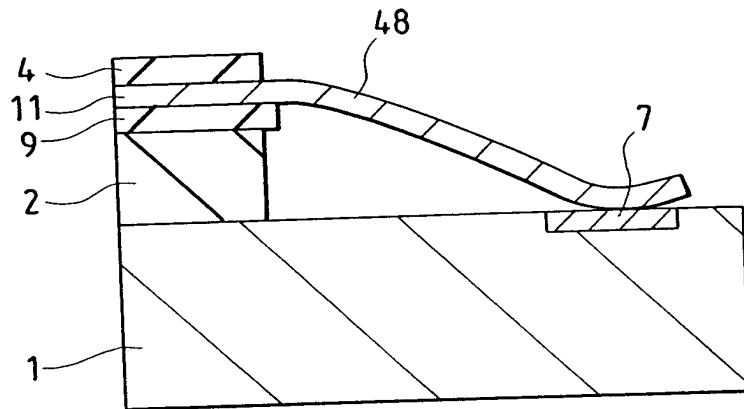


FIG. 79

